

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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	00000	DATA MATRIX			
Date May 17, 2007			EPA Reg No./File Symbol 84374-R		Page 1 of 15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Tox-rat	00069487	SEE 54555	Old	
81-1	Acute Oral Tox-Rat	00110395	BASF Corporation	Old	
81-1	Acute Oral Tox-Rat	00148021	Alzchem Trostberg GMBH	Old	
81-2	Acute Dermal Tox-rat	00043347	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00110395	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	41288801	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat	00069488	SEE 54555	Old	
81-3	Acute Inhalation Tox-Rat	00148023	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00043347	BASF Corporation	Old	
81-4	Primary Eye Irritation	00104220	BASF Corporation	Old	0 20595
81-4	Primary Eye Irritation	00110395	BASF Corporation	Old	
81-5	Primary Dermal Irritation	00104220	BASF Corporation	Old	
81-5	Primary Dermal Irritation	00148025	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old	TESTE WA

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Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			Product Duo Max		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
82-1	90 Day Feeding	00043347	BASF Corporation	Old	
82-1	28 Day Rangefinding- Oral Feeding	00069491	SEE 54555	Old	
82-1	90 Day Feeding-Rat	00069492	SEE 54555	Old	
82-1	90 Day Feeding-Rat	00110395	BASF Corporation	Old	
82-1	28 Day Rangefinding- Oral Feeding	00148027	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Rat	00148028	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Dog	00148029	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Dog	41390501	Alzchem Trostberg GMBH	Old	
82-1	28 Day Repeated Oral Dose	42202902	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Dog	41288802	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Mouse	41288803	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	41288804	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	41504003	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	42178404	Alzchem Trostberg GMBH	Old	
83-1	104 Week Carcinogenicity Study-Mouse	41566502	Alzchem Trostberg GMBH	Old	
Signature — The W			Name and Title Dr. Matthew Brooks, Director		Date 5/17/07

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Date May 17, 2007		EPA Reg No./File Symbol			Page 3 of 15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-2	Mutagenicity	00148033	Alzchem Trostberg GMBH	Old	
84-2	Chomosomal Aberration	00148034	Alzchem Trostberg GMBH	Old	
84-2	Chromosomal Aberration	00148035	Alzchem Trostberg GMBH	Old	
84-2	Mutagenicity	00148036	Alzchem Trostberg GMBH	Old	
84-2	Chomosomal Aberration	40389607	Alzchem Trostberg GMBH	Old	
84-2	Salmonella Mutation Assay	40389608	Alzchem Trostberg GMBH	Old	
84-2	Cytogenetic Assay	40389609	Alzchem Trostberg GMBH	Old	
84-2	Mouse Micronucleus Assay	40389610	Alzchem Trostberg GMBH	Old	
85-1	General Metabolism	00148037	Alzchem Trostberg GMBH	Old	
85-1	General Met of Hydrogen Cyanamide-Rat and Human	40748702	Alzchem Trostberg GMBH	Old	
85-1	General Metabolism	42178407	Alzchem Trostberg GMBH	Old	
85-3	Dermal Absorption of 14C-Cyanamide in Rat	41504004	Alzchem Trostberg GMBH	Old	
Signature			Name and Title		Date
- Tai	6 W		Dr. Matthew Brooks, Director		5/17/07

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Date May 17, 2007			EPA Reg No./File Symbol		Page 4 of 15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-2	Oncogenicity	00148030	Alzchem Trostberg GMBH	Old	
83-2	80 Week Carcinogenicity	41390502	Alzchem Trostberg GMBH	Old	
83-2	104 Week Oral Carcinogenicity Study	41566502	Alzchem Trostberg GMBH	Old	
83-2	104 Week Oral Carcinogenicity Study	42178405	Alzchem Trostberg GMBH	Old	
83-3	Embryotoxicity/Teratogenicity	00148031	Alzchem Trostberg GMBH	Old	
83-3	Embryotoxicity/Teratogenicity	41288805	Alzchem Trostberg GMBH	Old	
83-3	Rat Teratology	41288806	Alzchem Trostberg GMBH	Old	
83-4	Two Generation Reproduction-Rat	40389602	Alzchem Trostberg GMBH	Old	
83-4	Spontaneous Malformations-Rat	40389603	Alzchem Trostberg GMBH	Old	
83-4	Incidences of Tumors	40389604	Alzchem Trostberg GMBH	Old	
83-4	Background Pathology-3 month study-Rat	40389605	Alzchem Trostberg GMBH	Old	
83-4	Background Pathology-12 Month Study-Rat	40389606	Alzchem Trostberg GMBH	Old	
83-4	Background Pathology-24 month study-Rat	40436101	Alzchem Trostberg GMBH	Old	
83-4	Two Generation Reproduction-Rat	41566504	Alzchem Trostberg GMBH	Old	
Signature			Name and Title		Date
Signature	Too W		Name and Title Dr. Matthew Brooks, Director		

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		DATA MATRIX	·		
Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol		Page 5 of 15	
			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
71-1	Avian Acute Oral- Bobwhite Quail	00153783	Alzchem Trostberg GMBH	Old	
71-1	Avian Acute Oral- Mallard	00153784	Alzchem Trostberg GMBH	Old	
71-2	Avian Dietary LC50-Bobwhite Quail	00153785	Alzchem Trostberg GMBH	Old	
71-2	Avian Dietary LC50-Mallard	42178401	Alzchem Trostberg GMBH	Old	
71-2	Avian Dietary LC50-Bobwhite Quail	42178402	Alzchem Trostberg GMBH	Old	
		,			
72-1	Acute Toxicity- Rainbow Trout	00148043	Alzchem Trostberg GMBH	Old	
72-1	Acute Tox-Fish	00148044	Alzchem Trostberg GMBH	Old	
72-2	Acute Tox- Daphnia	00148046	Alzchem Trostberg GMBH	Old	
72-1	Acute Tox- Bluegill	00153786	Alzchem Trostberg GMBH	Old	
		·			
				·	
Signature	out w		Name and Title Dr. Matthew Brooks, Director		Date 5/17/07

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Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol		Page 6 of 15	
			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	00148017	Alzchem Trostberg GMBH	Old	
161-2	Photodegradation in water	42178409	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148013	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148014	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	41566505	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42178410	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42178411	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148016	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42211201	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42211202	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	41390503	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42178412	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42178413	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42211203	Alzchem Trostberg GMBH	Old	
Signature			Name and Title		Date
The T	- W		Dr. Matthew Brooks, Director		5/17/07

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		Product DuoMax			
Ingredient Hydrogen Cyanamid	е				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
163-1	Adsorption/Desorption in Soil	42178414	Alzchem Trostberg GMBH	Old	
163-1	Soil Column Leaching	42178415	Alzchem Trostberg GMBH	Old	
164-1	Soil Dissipation	00148015	Alzchem Trostberg GMBH	Old	
164-1	Soil Dissipation	00148018	Alzchem Trostberg GMBH	Old	
164-1	Field Soil Dissipation of Dormex	42178416	Alzchem Trostberg GMBH	Old	
132-1	Dislodgeable Foliar Residue	42178408	Alzchem Trostberg GMBH	Old	
202-1	Drift Concentration from Grapevine Applications	42178424	Alzchem Trostberg GMBH	Old	
Signature	we n		Name and Title Dr. Matthew Brooks, Director		Date 5/17/07

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Date May 17, 2007	·		EPA Reg No./File Symbol	,	Page 8 of 15
		Product DuoMax			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-2	Vegetative Vigor	40380101	Alzchem Trostberg GMBH	Old	
171-4b	Analysis of Cottonseed	00043361	BASF Corporation	Old	
171-4c	Residues on Cotton Seed	00043362	BASF Corporation	Old	
171-4A2	Metabolism in Cotton Plants	00043363	BASF Corporation	Old	
171-5	Reduction of Residue-Cotton seed oil	00043364	BASF Corporation	Old	
171-5	No Residue Petition	00043365	BASF Corporation	Old	
171-4A2	Residue in Plants	00069483	SEE 54555	Old	
171-4C	Residue Summary in Ginned Cotton seed	00110394	BASF Corporation	Old	,
171-4C	Residue Study in Grapes	40329902	Alzchem Trostberg GMBH	Old	
171-4C	Storage Stability in grapes	40329903	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	40380101	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	40748701	Alzchem Trostberg GMBH	Old	
171-4A2	Grape Confirmatory Trial	41288808	Alzchem Trostberg GMBH	Old	
171-4A2	NOR-Grape	41288809	Alzchem Trostberg GMBH	Old	
Signature	206 W		Name and Title Dr. Matthew Brooks, Director		Date 5/17/07

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Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		Product DuoMax				
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
171-4A2	NOR-Grape	41288810	Alzchem Trostberg GMBH	Old		
171-4C	Residue Study in Grapes	41288811	Alzchem Trostberg GMBH	Old		
171-4C	Residue Analysis Storage Stability	41288812	Alzchem Trostberg GMBH	Old		
171-4C	Assessment of Residues in Peaches	41288813	Alzchem Trostberg GMBH	Old		
171-4C	Determination of Residues in Grapes	41288814	Alzchem Trostberg GMBH	Old		
171-4C	Confirmation trial-Detn in Grapes	41504005	Alzchem Trostberg GMBH	Old		
171-4C	MOR-Grapes ·	41566506	Alzchem Trostberg GMBH	Old		
171-4C	MOR-Grapes- Ca	41566507	Alzchem Trostberg GMBH	Old		
171-4A1	Analysis of Cyanamide in Avian Feed	42178403	Alzchem Trostberg GMBH	Old		
171-4A1	Method Validation in Grapes	42178419	Alzchem Trostberg GMBH	Old		
171-4B	Assessment of Dormex on Bloom in Grapes	42178420	Alzchem Trostberg GMBH	Old		
171-4C	Determinations of Residues in Grapes	42178421	Alzchem Trostberg GMBH	Old		
171-4C	Residue Study in Grapes	42178422	Alzchem Trostberg GMBH	Old		
171-4C	Residue Study in Grapes	42178423	Alzchem Trostberg GMBH	Old		
Signature	not w		Name and Title		Date 5/17/07	

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			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-10	Disassociation Constant		Green Trees and Plants II LLC	Submitted	
63-9	Vapor Pressure		Green Trees and Plants II LLC	Submitted	
62-3[830.1670]	Color		Green Trees and Plants II LLC	Submitted	
63-3 [830.6303]	Physical State		Green Trees and Plants II LLC	Submitted	
63-4[830.6304]	Odor		Green Trees and Plants II LLC	Submitted	
63-6[830.7220]	Boiling Point		Green Trees and Plants II LLC	Submitted	
63-7[830.7300]	Density		Green Trees and Plants II LLC	Submitted	
63-8[830.7840]	Solubility		Green Trees and Plants II LLC	Submitted	
63-5	Melting Point		Green Trees and Plants II LLC	Submitted	
63-12[830.7000]	pH		Green Trees and Plants II LLC	Submitted	
63-21	Dielectric Breakdown Voltage		Green Trees and Plants II LLC	Submitted	
	Nee	1 these	MRIDS		
Cignotive			Name and Title		Date
Signature	706 h		Dr. Matthew Brooks, Director		5/17/07

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Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol		Page 11 of 15	
			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-11	Octanol/Water Partition	00069482	SEE 54555	Olld	
63-11	Octonal/Water Partition	41504001	Alzchem Trostberg GMBH	Old	
63-11	Octanol/ Water Partition	42202901	Alzchem Trostberg GMBH	Old	
63-13	Stability	00069482	SEE 54555	Old	
63-13	Stability	41504001	Alzchem Trostberg GMBH	Old	图图 电影
63-13	Stability	42202901	Alzchem Trostberg GMBH	Old	
63-15	Redox Potential	00069482	SEE 54555	Old	
63-15	Redox Potential	41504001	Alzchem Trostberg GMBH	Old	
63-15	Redox Potential	42202901	Alzchem Trostberg GMBH	Old	
Signature	Toth		Name and Title Dr. Matthew Brooks, Director		Date 5/17/07

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	DA	ATA MATRIX			
Date May 17, 2007 Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		EPA Reg No./File Symbol		Page 12 of 15	
			Product DuoMax		
Ingredient Hydrogen Cyanamide					100
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.165	Description of formulation process		Green Trees and Plants II LLC	Submit	
158.167	Discussion of impurities		Green Trees and Plants II LLC	Submit	
158.170	Preliminary Analysis		Green Trees and Plants II LLC	Submit	
157.175	Certified Limits		Green Trees and Plants II LLC	Submit	
158.180	Enforcement Analytical Method		Green Trees and Plants II LLC	Submit	
158.155	Product Identity and Composition		Green Trees and Plants II LLC	Submit	
158.160	Descrition of Materials used to produce the product		Green Trees and Plants II LLC	Submit	
158.162	Description of Production Process	-	Green Trees and Plants II LLC	Submit	
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	Nea	d these	MRLDS		
Signature	Tot W		Name and Title Dr. Matthew Brooks, Director		Date 5/17/07

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Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			Product DuoMax [End-Use Product]		
Ingredient Hydrogen Cyanamide	Need +	hese MRIDS	District Co.		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-15	Flammability		Green Trees and Plants II LLC	Submitted	
63-16	Explodability		Green Trees and Plants II LLC	Submitted	
62-3[830.1670]	Color		Green Trees and Plants II LLC	Submitted	
63-3 [830.6303]	Physical State		Green Trees and Plants II LLC	Submitted	
63-4[830.6304]	Odor		Green Trees and Plants II LLC	Submitted	
63-18	Viscosity		Green Trees and Plants II LLC	Submitted	
63-7[830.7300]	Density		Green Trees and Plants II LLC	Submitted	
63-8[830.7840]	Solubility		Green Trees and Plants II LLC	Submitted	
63-19	Miscibility		Green Trees and Plants II LLC	Submitted	
63-12[830.7000]	рН		Green Trees and Plants II LLC	Submitted	
63-21	Dielectric Breakdown Voltage		Green Trees and Plants II LLC	Submitted	
63-17	Storage Stability	00148011	Alzchem Trostberg GMBH	Old	
63-17	Storage Stability	42178406	Alzchem Trostberg GMBH	Old	
63-20	Corrosion Characteristics	00148011	Alzchem Trostberg GMBH	Old	
63-20	Corrosion Characteristics	42178406	Alzchem Trostberg GMBH	Old	
Signature	4	and the same of	Name and Title Dr. Matthew Brooks, Director		Date 5/17/07

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send the form to this address.					
	DA	ATA MATRIX			
Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol		Page 14 of 15	
			Product DuoMax [End Use Product]		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.165	Description of formulation process		Green Trees and Plants II LLC	Submit	
158.167	Discussion of impurities		Green Trees and Plants II LLC	Submit	
158.170	Preliminary Analysis		Green Trees and Plants II LLC	Submit	
157.175	Certified Limits		Green Trees and Plants II LLC	Submit	
158.180	Enforcement Analytical Method		Green Trees and Plants II LLC	Submit	
158.155	Product Identity and Composition		Green Trees and Plants II LLC	Submit	
158.160	Descrition of Materials used to produce the product		Green Trees and Plants II LLC	Submit	2 2 3 1
158.162	Description of Production Process		Green Trees and Plants II LLC	Submit	
				題例是	
	Need t	hese MF	ZLDS		
Signature			Name and Title		Date
	- 20 W		Dr. Matthew Brooks, Director		5/17/07

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		DATA MATRIX			
Date May 17, 2007 Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane Clifton VA 20124		EPA Reg No./File Symbol		Page 15 of 15	
			Product DuoMax [End-Use Product]		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Tox-rat	00104220	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00069490	SEE 54555	Old	
81-2	Acute Dermal Tox-rat	00104220	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00148022	Alzchem Trostberg GMBH	Old	
81-2	Acute Dermal Tox-rat	41566501	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat	00069488	SEE 54555	Old	
81-3	Acute Inhalation Tox-Rat	00148023	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00069489	SEE 54555	Old	
81-4	Primary Eye Irritation	00148024	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00153782	Alzchem Trostberg GMBH	Old	
81-5	Primary Dermal Irritation	00153781	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old	
Signature	m h		Name and Title		Date

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		DATA	MATRIX	0 00 0	0	
Date May 15, 2007				EPA Reg No./File Symbol		Page 1 of 16
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane Clifton VA 20124			Product DuoMax	4		
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name		MRID Number	Submitter	Status	Note
81-1	Acute Oral Tox-rat 1977	35073-1	00069487	SEE 54555	Old	
81-1	Acute Oral Tox-Rat	241-167	00110395	BASF Corporation	Old	
81-1	Acute Oral Tox-Rat	5G3283	00148021	Alzchem Trostberg GMBH	Old	是多数企业
81-2	Acute Dermal Tox-rat (965	7	00043347	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat 1965	241-107	00110395	BASF Corporation	- Old	
81-2	Acute Dermal Tox-rat	54555 EN	41288801	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat 1977	35073-1	00069488	SEE 54555	Old	
31-3	Acute Inhalation Tox-Rat 1985	563283	00148023	Alzchem Trostberg GMBH	Old	
31-4	Primary Eye Irritation 1965	. 7	00043347	BASF Corporation	Old	
81-4	Primary Eye Irritation 1965	241-107	00104220	BASF Corporation	Old	
81-4	Primary Eye Irritation (45%)	241-107	00110395	BASF Corporation	Old	
81-5	Primary Dermal Irritation 1965	241-107	00104220	BASF Corporation	Old	
81-5	Primary Dermal Irritation 1985	563283	00148025	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization 1485	5 G 3283	00148026	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization 1989	54555-EU	41288807	Alzchem Trostberg GMBH	Old	
Signature	N			Name and Title Dr. Matthew Brooks, Director		Date 5/15/07

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		DATA MATRIX		0		
Date May 15, 2007	ate May 15, 2007		EPA Reg No./File Symbol		Page 2 of 16	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			Product Duo Max			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
82-1	90 Day Feeding	00043347	BASF Corporation	Old		
82-1	28 Day Rangefinding- Oral Feeding	00069491	SEE 54555	Old		
82-1	90 Day Feeding-Rat	00069492	SEE 54555	Old		
82-1	90 Day Feeding-Rat	00110395	BASF Corporation	Old		
82-1	28 Day Rangefinding- Oral Feeding	00148027	Alzchem Trostberg GMBH	Old		
82-1	90 Day Feeding-Rat	00148028	Alzchem Trostberg GMBH	Old		
82-1	90 Day Feeding-Dog	00148029	Alzchem Trostberg GMBH	Old		
82-1	90 Day Feeding-Dog	41390501	Alzchem Trostberg GMBH	Old		
82-1	28 Day Repeated Oral Dose	42202902	Alzchem Trostberg GMBH	Old		
83-1	Chronic Feeding Study - Dog	41288802	Alzchem Trostberg GMBH	Old		
83-1	Chronic Feeding Study - Mouse	41288803	Alzchem Trostberg GMBH	Old		
83-1	Chronic Feeding Study - Rat	41288804	Alzchem Trostberg GMBH	Old		
83-1	Chronic Feeding Study - Rat	41504003	Alzchem Trostberg GMBH	Old	E Contract	
83-1	Chronic Feeding Study - Rat	42178404	Alzchem Trostberg GMBH	Old		
83-1	104 Week Carcinogenicity Study-Mouse	41566502	Alzchem Trostberg GMBH	Old		
Signature 22			Name and Title Dr. Matthew Brooks, Director		Date 5/15/07	

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Date May 15, 2007 Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			EPA Reg No./File Symbol		Page 3 of 16
			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
82-1	90 Day Feeding	00043347	BASF Corporation	Old	
82-1	28 Day Rangefinding- Oral Feeding	00069491	SEE 54555	Old	
82-1	90 Day Feeding-Rat	00069492	SEE 54555	Old	
82-1	90 Day Feeding-Rat	. 00110395	BASF Corporation	Old	
82-1	28 Day Rangefinding- Oral Feeding	00148027	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Rat	00148028	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Dog	00148029	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Dog	41390501	Alzchem Trostberg GMBH	Old	
82-1	28 Day Repeated Oral Dose	42202902	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Dog	· 41288802	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Mouse	41288803	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	-41288804	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	41504003	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	42178404	Alzchem Trostberg GMBH	Old	
Signature	1		Name and Title		Date
Signature			Dr. Matthew Brooks, Director		5/15/07

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Date May 15, 2007 Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			EPA Reg No./File Symbol Product DuoMax		Page 4 of 16
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-2	Mutagenicity	00148033	Alzchem Trostberg GMBH	Old	
84-2	Chomosomal Aberration	00148034	Alzchem Trostberg GMBH	Old	
84-2	Chromosomal Aberration	00148035	Alzchem Trostberg GMBH	Old	
84-2	Mutagenicity	00148036	Alzchem Trostberg GMBH	Old	
84-2	Chomosomal Aberration	40389607	Alzchem Trostberg GMBH	Old	
84-2	Salmonella Mutation Assay	40389608	Alzchem Trostberg GMBH	Old	
84-2	Cytogenetic Assay	40389609	Alzchem Trostberg GMBH	Old	
84-2	Mouse Micronucleus Assay	40389610	Alzchem Trostberg GMBH	Old	
85-1	General Metabolism	00148037	Alzchem Trostberg GMBH	Old	
85-1	General Met of Hydrogen Cyanamide-Rat and Human	40748702	Alzchem Trostberg GMBH	Old	
85-1	General Metabolism	42178407	Alzchem Trostberg GMBH	Old	
85-1	Metabolism of 14C-Cyanamide in Rat	42906401	Alzchem Trostberg GMBH	Old	
85-3	Dermal Absorption of 14C-Cyanamide in Rat	41504004	Alzchem Trostberg GMBH	Old	
Signature 1957	10/		Name and Title	4	Date
- no			Dr. Matthew Brooks, Director		5/15/07

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Date May 15, 2007		EPA Reg No./File Symbol			Page 5 of 16
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-2	Oncogenicity	00148030	Alzchem Trostberg GMBH	Old	
83-2	80 Week Carcinogenicity	41390502	Alzchem Trostberg GMBH	Old	
83-2	104 Week Oral Carcinogenicity Study	41566502	Alzchem Trostberg GMBH	Old	
83-2	104 Week Oral Carcinogenicity Study	42178405	Alzchem Trostberg GMBH	Old	
83-3	Embryotoxicity/Teratogenicity	00148031	Alzchem Trostberg GMBH	Old	
83-3	Embryotoxicity/Teratogenicity	41288805	Alzchem Trostberg GMBH	Old	
83-3	Rat Teratology	41288806	Alzchem Trostberg GMBH	Old	
83-4	Two Generation Reproduction-Rat	40389602	Alzchem Trostberg GMBH	Old	
83-4	Spontaneous Malformations-Rat	40389603	Alzchem Trostberg GMBH	Old	
83-4	Incidences of Tumors	40389604	Alzchem Trostberg GMBH	Old	
83-4	Background Pathology-3 month study-Rat	40389605	Alzchem Trostberg GMBH	Old	
83-4	Background Pathology-12 Month Study-Rat	40389606	Alzchem Trostberg GMBH	Old	
83-4	Background Pathology-24 month study-Rat	40436101	Alzchem Trostberg GMBH	Old	
83-4	Two Generation Reproduction-Rat	41566504	Alzchem Trostberg GMBH	Old	
Signature			Name and Title		Date
Troc	2 4		Dr. Matthew Brooks, Director		5/15/07

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Date May 15, 2007			EPA Reg No./File Symbol		Page 6 of 16
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide				8 - 1	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
71-1	Avian Acute Oral- Bobwhite Quail	00153783	Alzchem Trostberg GMBH	Old	
71-1	Avian Acute Oral- Mallard	00153784	Alzchem Trostberg GMBH	Old	
71-2	Avian Dietary LC50-Bobwhite Quail	00153785	Alzchem Trostberg GMBH	Old	
71-2	Avian Dietary LC50-Mallard	42178401	Alzchem Trostberg GMBH	Old	
71-2	Avian Dietary LC50-Bobwhite Quail	42178402	Alzchem Trostberg GMBH	Old	
71-4	Avian Reproduction	45797201	Alzchem Trostberg GMBH	Old	
72-1	Acute Toxicity- Rainbow Trout	00148043	Alzchem Trostberg GMBH	Old	
72-1	Acute Tox-Fish	00148044	Alzchem Trostberg GMBH	Old	
72-2	Acute Tox- Daphnia	00148046	Alzchem Trostberg GMBH	Old	
72-1	Acute Tox- Bluegill	00153786	Alzchem Trostberg GMBH	Old	
Signature	x h		Name and Title Dr. Matthew Brooks, Director		Date 5/15/07

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Date May 15, 2007 Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		EPA Reg No./File Symbol Product DuoMax			Page 7 of 16
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	00148017	Alzchem Trostberg GMBH	Old	
161-2	Photodegradation in water	42178409	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148013	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	. 00148014	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	41566505	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42178410	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42178411	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148016	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42211201	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42211202	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	41390503	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42178412	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42178413	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42211203	Alzchem Trostberg GMBH	Old	
162-4	Aerobic Aquatic Metabolism	45382202	Alzchem Trostberg GMBH	Old	
Signature L			Name and Title Dr. Matthew Brooks, Director		Date 5/15/07

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send the form to this address.						
	D	DATA MATRIX	0 0 0 0			
Date May 15, 2007			EPA Reg No./File Symbol		Page 8 of 16	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
163-1	Adsorption/Desorption in Soil	42178414	Alzchem Trostberg GMBH	Old		
163-1	Soil Column Leaching	42178415	Alzchem Trostberg GMBH	Old		
164-1	Soil Dissipation	00148015	Alzchem Trostberg GMBH	Old		
164-1	Soil Dissipation	00148018	Alzchem Trostberg GMBH	Old		
164-1	Field Soil Dissipation of Dormex	42178416	Alzchem Trostberg GMBH	Old		
132-1	Dislodgeable Foliar Residue	42178408	Alzchem Trostberg GMBH	Old		
202-1	Drift Concentration from Grapevine Applications	42178424	Alzchem Trostberg GMBH	Old		
Signature	2		Name and Title Dr. Matthew Brooks, Director		Date 5/15/07	

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		DATA MATRIX	0 0 0		
Date May 15, 2007			EPA Reg No./File Symbol		Page 9 of 16
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-2	Vegetative Vigor	40380101	Alzchem Trostberg GMBH	Old	
171-4b	Analysis of Cottonseed	00043361	BASF Corporation	Old	
171-4c	Residues on Cotton Seed	00043362	BASF Corporation	Old	
171-4A2	Metabolism in Cotton Plants	00043363	BASF Corporation	Old	
171-5	Reduction of Residue-Cotton seed oil	00043364	BASF Corporation	Old	
171-5	No Residue Petition	00043365	BASF Corporation	Old	
171-4A2	Residue in Plants	00069483	SEE 54555	Old	
171-4C	Residue Summary in Ginned Cotton seed	00110394	BASF Corporation	Old	
171-4C	Residue Study in Grapes	40329902	Alzchem Trostberg GMBH	Old	
171-4C	Storage Stability in grapes	40329903	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	40380101	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	40748701	Alzchem Trostberg GMBH	Old	
171-4A2	Grape Confirmatory Trial	41288808	Alzchem Trostberg GMBH	Old	
171-4A2	NOR-Grape	41288809	Alzchem Trostberg GMBH	Old	
Signature That W			Name and Title Dr. Matthew Brooks, Director		Date 5/15/07

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		DATA MATRIX	0 00	000	
Date May 15, 2007			EPA Reg No./File Symbol		Page 10 of 16
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
ngredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4A2	NOR-Grape	41288810	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	41288811	Alzchem Trostberg GMBH	Old	
171-4C	Residue Analysis Storage Stability	41288812	Alzchem Trostberg GMBH	Old	
171-4C	Assessment of Residues in Peaches	41288813	Alzchem Trostberg GMBH	Old	
171-4C	Determination of Residues in Grapes	41288814	Alzchem Trostberg GMBH	Old	
171-4C	Confirmation trial-Detn in Grapes	41504005	Alzchem Trostberg GMBH	Old	
171-4C	MOR-Grapes	41566506	Alzchem Trostberg GMBH	Old	
171-4C	MOR-Grapes- Ca	41566507	Alzchem Trostberg GMBH	Old	
171-4A1	Analysis of Cyanamide in Avian Feed	42178403	Alzchem Trostberg GMBH	Old	
171-4A1	Method Validation in Grapes	42178419	Alzchem Trostberg GMBH	Old	
171-4B	Assessment of Dormex on Bloom in Grapes	42178420	Alzchem Trostberg GMBH	Old	
171-4C	Determinations of Residues in Grapes	42178421	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	42178422	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	42178423	Alzchem Trostberg GMBH	Old	
Signature			Name and Title Dr. Matthew Brooks, Director		Date 5/15/07

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		DATA MATRIX	0000	0 0 0		
Date May 15, 2007			EPA Reg No./File Symbol		Page 11 of 16	
Applicant's/Registrant's Name & Ad Green Trees and Plants II, LLC, 12	dress 2208 Quinque Lane, Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
63-10	Disassociation Constant		Green Trees and Plants II LLC	Submitted		
63-9	Vapor Pressure		Green Trees and Plants II LLC	Submitted		
62-3[830.1670]	Color		Green Trees and Plants II LLC	Submitted		
63-3 [830.6303]	Physical State		Green Trees and Plants II LLC	Submitted		
63-4[830.6304]	Odor		Green Trees and Plants II LLC	Submitted		
63-6[830.7220]	Boiling Point		Green Trees and Plants II LLC	Submitted		
63-7[830.7300]	Density		Green Trees and Plants II LLC	Submitted		
63-8[830.7840]	Solubility		Green Trees and Plants II LLC	Submitted		
63-5	Melting Point		Green Trees and Plants II LLC	Submitted		
63-12[830.7000]	pH		Green Trees and Plants II LLC	Submitted		
63-21	Dielectric Breakdown Voltage		Green Trees and Plants II LLC	Submitted		
Signature	me a		Name and Title Dr. Matthew Brooks, Director		Date 5/15/07	

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		DATA MATRIX	0 0	0 0 0 0		
Date May 15, 2007			EPA Reg No./File Symbol		Page 12 of 16	
Applicant's/Registrant's Name & Ad Green Trees and Plants II, LLC 12	idress 208 Quinque Lane, Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
63-11	Octanol/Water Partition	00069482	SEE 54555	Olld		
63-11	Octonal/Water Partition	41504001	Alzchem Trostberg GMBH	Old		
63-11	Octanol/ Water Partition	42202901	Alzchem Trostberg GMBH	Old		
63-13	Stability	00069482	SEE 54555	Öld		
63-13	Stability	41504001	Alzchem Trostberg GMBH	Old		
63-13	Stability	42202901	Alzchem Trostberg GMBH Old			
63-15	Redox Potential	00069482	SEE 54555	Old		
63-15	Redox Potential	41504001	Alzchem Trostberg GMBH	Old		
63-15	Redox Potential	42202901	Alzchem Trostberg GMBH	Old		
Signature	- ~		Name and Title		Date	
not			Dr. Matthew Brooks, Director		5/15/07	

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		EPA Reg No./File Symbol		Page 13 of 16	
dress 208 Quinque Lane, Clifton VA 20124		Product DuoMax			
Guideline Study Name	MRID Number	Submitter	Status	Note	
Description of formulation process		Green Trees and Plants II LLC	Submit		
Discussion of impurities		Green Trees and Plants II LLC	Submit		
Preliminary Analysis		Green Trees and Plants II LLC	Submit		
Certified Limits		Green Trees and Plants II LLC	Submit		
Enforcement Analytical Method		Green Trees and Plants II LLC	Submit		
Product Identity and Composition		Green Trees and Plants II LLC	Submit		
Descrition of Materials used to produce the product		Green Trees and Plants II LLC	Submit		
Description of Production Process		Green Trees and Plants II LLC	Submit		
, m -		Name and Title		Date 5/15/07	
	Guideline Study Name Description of formulation process Discussion of impurities Preliminary Analysis Certified Limits Enforcement Analytical Method Product Identity and Composition Descrition of Materials used to produce the product	Guideline Study Name MRID Number Description of formulation process Discussion of impurities Preliminary Analysis Certified Limits Enforcement Analytical Method Product Identity and Composition Descrition of Materials used to produce the product Description of Production Process	dress 208 Quinque Lane, Clifton VA 20124 Guideline Study Name Guideline Study Name MRID Number Description of formulation process Green Trees and Plants II LLC Preliminary Analysis Green Trees and Plants II LLC Certified Limits Green Trees and Plants II LLC Enforcement Analytical Method Green Trees and Plants II LLC Product Identity and Composition Green Trees and Plants II LLC Green Trees and Plants II LLC	EPA Reg No./File Symbol dress 208 Quinque Lane, Clifton VA 20124 Product DuoMax Guideline Study Name MRID Number Description of formulation process Green Trees and Plants II LLC Submit Preliminary Analysis Green Trees and Plants II LLC Submit Certified Limits Green Trees and Plants II LLC Submit Enforcement Analytical Method Green Trees and Plants II LLC Submit Froduct Identity and Composition Green Trees and Plants II LLC Submit Description of Materials used to produce the product Green Trees and Plants II LLC Submit Description of Production Process Green Trees and Plants II LLC Submit Green Trees and Plants II LLC Submit Description of Production Process Green Trees and Plants II LLC Submit	

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		DATA MATRIX	0 0 000		
Date May 15, 2007			EPA Reg No./File Symbol Product DuoMax [End-Use Product]		Page 14 of 16
Applicant's/Registrant's Name & A Green Trees and Plants II, LLC 12	ddress 2208 Quinque Lane, Clifton VA 20124				
Ingredient Hydrogen Cyanamide	9				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-15	Flammability		Green Trees and Plants II LLC	Submitted	
63-16	Explodability		Green Trees and Plants II LLC	Submitted	
62-3[830.1670]	Color		Green Trees and Plants II LLC	Submitted	
63-3 [830.6303]	Physical State		Green Trees and Plants II LLC	Submitted	
63-4[830.6304]	Odor .		Green Trees and Plants II LLC	Submitted	
63-18	Viscosity		Green Trees and Plants II LLC	Submitted	
63-7[830.7300]	Density		Green Trees and Plants II LLC	Submitted	
63-8[830.7840]	Solubility		Green Trees and Plants II LLC	Submitted	
63-19	Miscibility		Green Trees and Plants II LLC	Submitted	
63-12[830.7000]	pH		Green Trees and Plants II LLC	Submitted	
63-21	Dielectric Breakdown Voltage		Green Trees and Plants II LLC	Submitted	
63-17	Storage Stability	00148011	Alzchem Trostberg GMBH	Old	
63-17	Storage Stability	42178406	Alzchem Trostberg GMBH	Old	
63-20	Corrosion Characteristics	00148011	Alzchem Trostberg GMBH	Old	
63-20	Corrosion Characteristics	42178406	Alzchem Trostberg GMBH	Old	
Signature			Name and Title Dr. Matthew Brooks, Director		Date 5/15/07

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	DA	ATA MATRIX	0 00 000			
Date May 15, 2007		EPA Reg No./File Symbol		Page 15 of 16		
Applicant's/Registrant's Name & Ad Green Trees and Plants II, LLC, 12	dress 208 Quinque Lane, Clifton VA 20124		Product DuoMax [End Use Product]			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
158.165	Description of formulation process		Green Trees and Plants II LLC	Submit		
158.167	Discussion of impurities		Green Trees and Plants II LLC	Submit		
158.170	Preliminary Analysis		Green Trees and Plants II LLC	Submit		
157.175	Certified Limits		Green Trees and Plants II LLC	Submit		
158.180	Enforcement Analytical Method		Green Trees and Plants II LLC	Submit		
158.155	Product Identity and Composition		Green Trees and Plants II LLC	Submit		
158.160	Descrition of Materials used to produce the product		Green Trees and Plants II LLC	Submit		
158.162	Description of Production Process		Green Trees and Plants II LLC	Submit		
Signature	2 9		Name and Title Dr. Matthew Brooks, Director		Date 5/15/07	

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		DATA MATRIX	00 0 0 0	0		
Date May 16, 2007			EPA Reg No./File Symbol		Page 16 of 16	
Applicant's/Registrant's Name & Ac Green Trees and Plants II, LLC, 12	ddress 2208 Quinque Lane Clifton VA 20124		Product DuoMax [End-Use Product]			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
81-1	Acute Oral Tox-rat	00104220	BASF Corporation	Old		
81-2	Acute Dermal Tox-rat	00069490	SEE 54555	Old		
81-2	Acute Dermal Tox-rat	00104220	BASF Corporation	Old		
81-2	Acute Dermal Tox-rat	00148022	Alzchem Trostberg GMBH	Old		
81-2	Acute Dermal Tox-rat	41566501	Alzchem Trostberg GMBH	Old		
81-3	Acute Inhalation Tox-Rat	00069488	SEE 54555	Old		
81-3	Acute Inhalation Tox-Rat	00148023	Alzchem Trostberg GMBH	Old		
81-4	Primary Eye Irritation	00069489	SEE 54555	Old		
81-4	Primary Eye Irritation	00148024	Alzchem Trostberg GMBH	Old		
81-4	Primary Eye Irritation	00153782	Alzchem Trostberg GMBH	Old		
81-5	Primary Dermal Irritation	00153781	Alzchem Trostberg GMBH	Old		
81-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old		
81-6	Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old		
Signature	- 6		Name and Title Dr. Matthew Brooks, Director		Date 5/15/07	

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	DAT	A MATRIX			
Date: September 28, 2001			EPA Reg. No /File	Symbol: 54555-2	Page 1 of 9
Applicant's/Requistrant's Name & Address' Degussa AG c/o Siemer and Associates 4672 W. Jennifer, Ste 103 Fresno, CA 93722			Product Dorme		
Ingredient Hydrogen Cyanar	nide				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
61-1	Product Identity and Disclosure of Ingredients	42202901	Degussa*	OWN	*Degussa was formerly known as SKI
61-2	Description of Beginning Materials and Manufacturing Process	42202901	Degussa	OWN:	
61-3	Discussion of Formation of Impurities	073723	Degussa	OWN	
62-1	Preliminary Analysis	073723	Deguesa	Own:	
62-2	Certification of Limits	073723	Degusss	OWN	
62-3	Analytical Method to Verify Certified Limit	073723	Degussa	OWN	
63-2	Color	42202901	Degusse	OWN	
63-3	Physical State	073723	Degussa	OWN	
63-4	Odor	073723	Degussa	OWN	
63-5	Melting Point	073723	Degussa	OWN	
63-8	Soiling Point	073723	Degussa	OWN	
63-7	Density, Bulk Density, or Specific Gravity	073723	Degussa	OWN	
63-8	Solubility	073723	Degussa	OWN	
63-9	Vapor Pressure	073723	Degussa -	OWN	W. B. Charles
63-10	Dissociation Constant	•	Degussa	OWN	Not Submitted
Signature	Ellimen	Name and	S.R. Siemer, Ph	.D nt for Degussa Ag	Date: September 28, 2001

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		DATA MATRIX				
Date September 28, 2001			EPA Reg. No /File !	Symbol: 54555-2	Page 2 of 9	
applicants/Registrant's Name &	pplicant's/Registrant's Name & Address: Degussa Ag clo Siemer and Associates 4672 W. Jennifer. Ste. 103 Fresno, CA. 93722		Product Donnex ^{The}			
ngredient Hydrogen Cyanami	ide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
63-1:	Octanol / Water Partition	42202901	Degussa*	OWN	*Degussa was formerly known as SKV	
63-12	pH	073123	Degussa	OWN.		
63-13	Stability	073723	Degussa	OWN		
63-14	Oxidizing or Reducing Action	C73723	Degutsa	OWN		
63-15	Flammability	073723	Degussa	OWN		
63-16	Explodibility	673723	Degussa	OWN		
63-17	Storage and Stability	073723	Deguasa	OWN		
63-18	Viscosity	073723	Degusta	OWN		
63-19	Miscibility	073723	Degussa	OWN:		
63-20	Corrosion Characteristics	073723	Degossa	OWN		
63-21	Dielectric Breakdown Voltage		Degussa	OWN	Not Submitted	
64-1	Submittal of Samples	Not Assigned	Degusta	OWN		
161-1	Hydrolysis	073724	Degusse	OWN		
161-2	Photodegradation in Water	SASSS-EUP-R	Degussa	OWN		
162-1	Aerobic Soil peeliminary	41566505	Degussa	OWN		
Signature	Chimer	Name and	Title: S.R. Siemer, Ph.D. Regulatory Agent		Date: September 28, 2001	

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		DATA MATRIX				
Date September 28, 2001			EPA Reg No /File !	Symbol 54555-2	Page 3 of 9	
applicant's/Requistrant's Name & Address Degussa AG c/o Siemer and Associates 4672 W. Jennifer, Ste 103 Fresno, CA 93722			Product: Dormer TM			
ngrodient Hydrogen Cyanami	de					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
162-1	Aerobic Suil - final report	42178410	Degussa*	OW.N	*Dogusta was formerly known as SKW	
[62-1	Aerobic Soil - supplemental report	42178411	Degussa	NW.		
162-2	Anserabic Soil - final report	42178412	Degussa	OWN		
162-2	Anaerobic – supplemental report	42178413	Degusta	OW.Y		
Supp	Biodegradation of HyCy in a Water / Sediment System	41 390503	Degussa	OWN		
163-1	Adsorption / Desorption .	42178414	Degussa	OWN		
163-1	Leaching .	42178415	Degussa	N.WO		
164-1	Soil Dissipation	42178416	Deguses	OWN		
Adm	Toxicology for Hydrogen Cyanamide	42178426	Degussa	OWN		
81-1	Acute Oral LD ₉₉ Rat	073726	Degussa	OWN		
81-2	Acute Dermal LD ₉₀	41288801	Degussa	OWN		
81-3	Acute Inhalation LC _M Rat	073726	Degussa	OWN:		
81-4	Primary Eye Irritation Rabbit	073726	Degussa	OWN		
81-5	Primary Dermal Irritation Rabbit	073726	Degussa	OWN		
81-5	Primary Dermal Irritation / Corresson	N/A	Degussa	OWN		
Signature	Essigner	Rune	nd Title: S.R. Siemer, Pl Repulatory Ass	n.D ent for Degussa Ag	Date: September 28, 2001	

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	DAT	A MATRIX			
Date. September 28, 2001			EPA Reg No /File Syn	sbol 54555-2	Page 4 of 9
Applicant's/Registrant's Name & Address Degunsa AG c/o Siemer and Associates 4672 W. Jennifer, Ste 103 Fresno, CA 93722			Product Dormex The		
gredient Hydrogen Cyanan	nide				
uideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-5	Irritant Effects on Rabbit Skin	41566501	Degussa*	OWN	*Degussa was formerly known as SKW
81-6	Dermal Sensitization	Q73726	Degussa	OWN	
8:-6	Prof Glexhuber Worker Exposure Study	41288807	Degussa	OWN	
11.7	Acute Delayed Neurotoxicity		Degussa	OW:N	Not Required
Supp	6wk Ora! Palatability and Duse Range Finding	41288803	Degussa	OWN	
13-2	Oral Carcinogenicity Study in the Mouse - 80 wk Report	41390502	Deguesa	OWN	
82-2	Oral Cascinugementy Study in the Mouse - 104 wk Final Report	41566592	Degussa	OWN	
83-2	Oral Carcinogenicity Study in the mouse - 104 wk Final Report Amend	42178406	Degussa	OWN:	
83-3	Teratology - Rabbit	073726	Degussa	OWN	
83-3	Teratology - Amendment to Rabbit Report	41268805	Degusse	OWN	
83-3	Data on Analytical Concentration. Homogeneity, and Stability	42178406	Degussa	OWN	
83-3	Teratology - Ret	41288806	Degussa	OWN	
. 83-4	Two Generation - Reproduction - Rats	40389602	Degussa	OWN	
83-4	Two Generation - Reproduction - Rats	41566594	Degussa	OWN	
84-2	Musagemeity Testing - Hydrogen Cyanamide in the Rat / Primary Hepatocyte Unscheduled / DNA Synthesis Assay	40389607	Degussa	OWN	
agnature &	Climon		R. Siemer, Ph D gulatory Agent for Degussa	AE	Date: September 28, 2001

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	DATA	MATRIX			
Dare September 28, 2001			EPA Reg No Tile	Symbol: 54555-2	Page 5 of 9
Applicant's Registrant's Name &	pplicant s/Registrant's Name & Address Degussa AG c/o Siemer and Associates 4672 W Jennifer, Ste 103 Fresno, CA 93722		Product Dorme	⁽ D)	
ingredient Hydrogen Cyaram	ide				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-2	Mutagenicity Testing - Hydrogen Cyanamide in the Arnes Salmonella? Microsome Reverse Mutation Assay	40389608	Degussa*	OWN	*Degussa was formerly known as SKW
84-2	Mutagenicity Testing - Hydrogen Cyanamide in an In-Vitro Cytogentic Assay Measuring Chromosomal Aberration Frequencies in Chinese Hamster Overy (CHO) Cells	40389609	Degussa	OWX.	
84-2	Mutagenicity Testing - Hydrogen Cyanamide in the In-Vivo Micronucleus Assay	40389610	Degussa	OWN	
\$2-1	28 Day Range - Finding, Rat	422029-02	Degussa	OWN	
82-1	28 Day Repeated Dose Oral, Rat	42202902	Degussa	OWN	
82-1	90 Day Toxicity Study in Rats / Chronic Rat	073726	Degussa	OWN	
82 41	90 Day Toxicity Study in Dog	41390501	Degussa	OWN	
83-1	1 Year Feeding Study - Dog	41288802	Degusea	OWN	
\$1, \$2, \$3, \$4 and \$5	Toxicology for Hydrogen Cyanamide Terrestrial Food Use	421784-26	Degussa	OWN:	
83-1	2 Year Feeding Study - Rats - 1 Year Progress Report	1288804	Degussa	OWN:	
13-1	2 Year Feeding Study-Rats - 92 Week Progress Report	41504003	Degussa	OWN	
83-1	2 Year Feeding Study - Rass - Final Report	42178404	Degussa	OWN	
63-1	Chronic Toxicity Study in Rats with Aqueous Hydrogen Cvanamide	421784-04	Degussa	OWN	
Signature	Ellimon		R. Siemer, Ph.D. gulatory Agent for Deg	wssa Ag	Date: September 28, 2001

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Washington, DC 20460. Do not send the form to this address.

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Applicant's/Registrant's Name &	Name & Address Degussa AG c/o Siemer and Associates 4672 W. Jennifer, Ste 103 Product Dormex** Product Dormex** Product Dormex**					
ngreaten: Hydrogen Cyanami	de					
Jurdeline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
83-2	Oncogenicity	073726	Degussa*	OWN	*Degussa v	as formerly known as SK
83-24	Conversion Rate of CaCy to HyCy	0389601 / 41566593	Degussa	OWN		
83-2	Stability of CaCy in Anima! Diet	41504002	Degussa	OWN	1	
85-1	General Metabolism	421784-07	Degussa	OWN		
85-2	Rat Dermal Absorption Study with CC HyCy	41304004	Degussa	OWN		
Supp	Antabuse	41504006	Degussa	OWN		
132-1	Soil Surface Dissipation	42178404	Degussa	OWN		
133-3	Eval Spray Applicator Exposure During Airblast Spray App to Dormant Fran Trees	45407401	Degussa	OWN		
133-3	Deserm of N-acetylcyanamide in Urine of Wkrs Exposed to Dormex as Meas of Exposure	45407402	Degussa	OWN	120	
133-3	Eval of Wkr Exposure During Loading and Spray App of Dormex to Dormani Grapevines	45365701	Degussa	OWN		
133-3	Dormex App to Dormant Grapevines - Worker Exposure Mixer/Loader, Applicator, Supervisor. Soil Surface Dissipation	45407403	Degussa	OWN		
202-1	Drift Concentration	42178424	Degussa	OWN		
71-1	Avaus Oral LDige	260406	Degusta	OWN		
71-2	Avian Dietary LO ₂₀ - Quail	42178402	Degussa	OWN		
71-2	Avian Dietary LD ₅₀ - Duck	54555-EUP-R	Degussa	OWN		
Signature La	Siemon		R Siemer, Ph D Regulatory Agent		Date:	prember 28, 2001

24

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Washington, DC 20460. Do not send the form to this address.

	DA'	TA MATRIX					
Date September 28, 2001		EPA Reg. No /F	Product Donner TM				
Applicants/Requistrant's Name &	Address Degussa AG e/o Sienier and Associates 4672 W. Jennifer, Ste 103 Fresio, CA 93722	Product Don					
Ingredient Hydrogen Cyanes	mide						
Guideline Reference Number	Guideline Study Name	MRIO Number	Submitter	Status	Note		
71-2	Avian Dietary - Analytical Chemistry	42178493	Degussa*	OWN.	*Degussa was formerly knewn as		
71-4	Avian Reproduction		Degussa	OWN.			
72-1	Freshwater Fish LC ₅₀ - Bluegill	260406	Degussa	OWN			
72-:	Freshwater Fish LC ₅₀ - Trout	073728	Degussa	OWN			
72-2	Acute LC ₅ , Freshwater Invertebraics	073728	Degussa	OWN			
72-3	Estuarine Organisms	54555-EUP-R	Degussa	OWN	Warver Request		
72-4	Fish Early Life Stage and Aquatic Invertebrate Life Cycle	54555-EUP-R	Degussa	OWN	Waiver Request		
72-5	Fish Lafe Cycle	54555-EUP-R	Degussa	OWN			
Supp	Fringe-Tood Lizard	42178425	Degussa	OWN			
Adm	Residue Chemistry	42(784)7	Degussa	OWN			
171-2	Chemical Identity	073722	Degussa	OWN'			
171-3	Directions for Use	073723	Degussa	OWN			
171-4	Nature of the Residue in Plants	073729	Degussa	OWN			
1714	1928 Residue Analysis (Grapes)	4(2888(4	Degussa	OWN			
171-4	1988 Peach Residue Analysis	4(2888)3	Degussa	OWN			
Signaturt	Skinor		S.R. Siemer, Ph D Regulatory Agent		Date September 28, 2001		

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	DATA	MATRIX				
Date: September 28, 2001			EPA Reg. No.	File Symbol. 5	4535-2	Page 8 of 9
Applicant's/Rogistrant's Name & Address. Degussa AG c/o Siemer and Associates A672 W Jennifer, Ste 103 Fresno, CA 93722			Product Dormax TM			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
17;-4	Plant Mctabolism Study	4:288899. 41288810	Degussa*	owy	*Degutu wa	s formerly known as SKW
17:4	Residuc Analytical Method	41566508	Degusss	OWN		
PR 85-5	Confirmatory Trial - Siemer	41288808	Dogussa	OWN		
PR 86-5	Confirmatory Trial - Swiss	41500405	Dogusta	OWN		
PR 88-5	Confirmatory Trial - Biospherics		Degussa	OWN	00 Jan 19	
1714	Magnitude of the Residues. Crop Field Trials		Degussa	OWN		
171-4	1988 Washington State Residue Test	41 566 506	Degussa	OWN		
1714	1990 California Residue Test at 10% Dormex	41566507	Degussa	OWN		
171-4	California Residue (2 years)	54555-EUP-R	Degussa	OWN		
1784	California Residue (Desert, 902043.1-1)	54555-EUP-R	Degussa	OWN		
171-4	California Residue (Desers, 902043.1-2)	S4555-EUP-R	Degussa	OWN		
171-4	California Residue (Desert, 902043.1-3)	54535-EUP-R	Degussa	OWN		
(714	Storage Stability Test in Grapes	41288812	Degussa	OWN	 	
171-6	Proposed Tolerance Exemption	Adm.	Degussa	OWN		
Signature	Phlamen		R. Siemer, Ph D Regulatory Agent	for Degussa Ag	Date Sep	tember 28, 2001

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Washington, DC 20460. Do not send the form to this address.

	DATA MATRIX					
Date September 28, 2001		(18° 180 110 110 110 110	EPA Reg. No.	File Symbol 5	4555-2	Page 9 of 9
Applicant's Requisirant's Name & Address Degussa AG c/o Siemer and Associates 4672 W Jennifer, Ste 103 5 resno, CA 93722			Product Darmex TM			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
171-13	Submittal of Analytical Reference Standards	*	Degussa*	OWN	*Degussa wa	s formerly known as SK'
712-C-96-164	Texicity of Cyanamide 1, 500 to Pseudokirchneriella Subcapitata - 96hi Algal Growth fahibition Test	45406601	Degussa	OWN		
124-2	Toxicity of SXW Cyanamide 1, 500 to Anabaena - Alga: Growth Inhibition Test	45382201	Degussa	OWN		
162-4	15C-C) anamide Route and Rate of Degradation in Aerobic Aquatic Systems	45382202	Degussa	OWN		
124-2	Toxicity of SKW Cyanamide L 500 to Aquatic Lemma gabba - Growth Inhibition Test	45406602	Degussa	OWN		
122-1	Effects of Cymnemide L500 on Vegetative Vigor of Terrestrial Nontarget Plant Species — Tier I. Vegetative Vigor Limit Test	45380701	Degussa	OWN		
122-ί	Effects of Cyenamide L 500 on Soedling Emergence of Tenestrial Nontarget Plant Species Tier (Seedling Emergence Limit Test	45380702	Degussa	OWN		
			Degussa	OWN		
			Degussa	OWN		
			Degussa	OWN		
			Degussa	OWN		
			Degussa	OWN		
			Degussa	OWN		
Signoture 80	Samon		S.R. Sterner, Ph D. Regulatory Agent		Date Sep	10mber 28, 2001

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		DATA MATRIX		·	
Date March 25,2008			EPA Reg No./File Symbol 84374-R	Page 1 of 16	
Applicant's/Registrant's Name & Ac Green Trees and Plants II, LLC 12	ldress 208 Quinque Lane Clifton VA 20124	Product DuoMax			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Tox-rat	00069487	SEE 54555	Old	
81-1	Acute Oral Tox-Rat	00110395	BASF Corporation	Old	
81-1	Acute Oral Tox-Rat	00148021	Alzchem Trostberg GMBH	Old	
81-2	Acute Dermal Tox-rat	00043347	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00110395	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	41288801	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat	00069488	SEE 54555	Old	
81-3	Acute Inhalation Tox-Rat	00148023	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00043347	BASF Corporation	Old	
81-4	Primary Eye Irritation	00104220	BASF Corporation	Old	
81-4	Primary Eye Irritation	00110395	BASF Corporation	Old	
81-5	Primary Dermal Irritation	00104220	BASF Corporation	Old	
81-5	Primary Dermal Irritation	00148025	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old	
81-6	· Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old	
Signature / Last	- 6/		Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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	•	DATA MATRIX			
Date March 25, 2008			EPA Reg No./File Symbol 84374-R	Page 2 of 16	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			Product Duo Max		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
82-1	90 Day Feeding	00043347	BASF Corporation	Old	
82-1	28 Day Rangefinding- Oral Feeding	00069491	SEE 54555	Old	
82-1	90 Day Feeding-Rat	00069492	SEE 54555	Old	
82-1	90 Day Feeding-Rat	00110395	BASF Corporation	Old	
82-1	28 Day Rangefinding- Oral Feeding	00148027	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Rat	00148028	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Dog	00148029	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Dog	41390501	Alzchem Trostberg GMBH	Old	
82-1	28 Day Repeated Oral Dose	42202902	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Dog	41288802	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Mouse	41288803	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	41288804	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	41504003	Alzchem Trostberg GMBH	Öld	
83-1	Chronic Feeding Study - Rat	42178404	Alzchem Trostberg GMBH	Old	
83-1	104 Week Carcinogenicity Study-Mouse	41566502	Alzchem Trostberg GMBH	Old	
Signature Tax	· h		Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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	DA	TA MATRIX				
Date March 25, 2008			EPA Reg No./File Symbol 84374-R		Page 3 of 16	
Applicant's/Registrant's Name & Ad Green Trees and Plants II, LLC 12	dress 208 Quinque Lane, Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
84-2	Mutagenicity	00148033	Aizchem Trostberg GMBH	Old		
84-2	Chomosomal Aberration	00148034	Alzchem Trostberg GMBH	Old		
84-2	Chromosomal Aberration	00148035	Alzchem Trostberg GMBH	Old	,	
84-2	Mutagenicity	00148036	Alzchem Trostberg GMBH	Old		
84-2	Chomosomal Aberration	40389607	Alzchem Trostberg GMBH	Old		
84-2	Salmonella Mutation Assay	40389608	Alzchem Trostberg GMBH	Old		
84-2	Cytogenetic Assay	40389609	Alzchem Trostberg GMBH	Old		
84-2	Mouse Micronucleus Assay	40389610	Alzchem Trostberg GMBH	Old	1	
85-1	General Metabolism	00148037	Alzchem Trostberg GMBH	Old		
85-1	General Met of Hydrogen Cyanamide-Rat and Human	40748702	Alzchem Trostberg GMBH	Old		
85-1	General Metabolism	42178407	Alzchem Trostberg GMBH	Old		
85-3	Dermal Absorption of 14C-Cyanamide in Rat	41504004	Alzchem Trostberg GMBH	Old		
Signature	- h	<u> </u>	Name and Title		Date	
- Tot	- W		Dr. Matthew Brooks, Director		3/25/08	

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	<u> </u>	DATA MATRIX			
Date March 25,2008			EPA Reg No./File Symbol 84374-R	Page 4 of 16	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
83-2	Oncogenicity	00148030	Alzchem Trostberg GMBH	Old	
83-2	80 Week Carcinogenicity	41390502	Alzchem Trostberg GMBH	Old	
83-2	104 Week Oral Carcinogenicity Study	41566502	Alzchem Trostberg GMBH	Old	
83-2	104 Week Oral Carcinogenicity Study	42178405	Alzchem Trostberg GMBH	Old	
83-3	Embryotoxicity/Teratogenicity	00148031	Alzchem Trostberg GMBH	Old	
83-3	Embryotoxicity/Teratogenicity	41288805	Alzchem Trostberg GMBH	Old	
83-3	Rat Teratology	41288806	Alzchem Trostberg GMBH	Old	
83-4	Two Generation Reproduction-Rat	40389602	Alzchem Trostberg GMBH	Old	
83-4	Spontaneous Malformations-Rat	40389603	Alzchem Trostberg GMBH	Old	
83-4	Incidences of Tumors	40389604	Alzchem Trostberg GMBH	Old	,
83-4	Background Pathology-3 month study-Rat	40389605	Alzchem Trostberg GMBH	Old	
83-4	Background Pathology-12 Month Study-Rat	40389606	Alzchem Trostberg GMBH	Old	
83-4	Background Pathology-24 month study-Rat	40436101	Alzchem Trostberg GMBH	Old	
83-4	Two Generation Reproduction-Rat	41566504	Alzchem Trostberg GMBH	Old	
Signature	h		Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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		DATA MATRIX	·		<u> </u>
Date March 25, 2008			EPA Reg No./File Symbol 84374-R	Page 5 of 16	
Applicant's/Registrant's Name & Ad Green Trees and Plants II, LLC, 13	ddress 2208 Quinque Lane, Clifton VA 20124		Product DuoMax		,
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
71-1	Avian Acute Oral- Bobwhite Quail	00153783	Alzchem Trostberg GMBH	Old	
71-1	Avian Acute Oral- Mallard	00153784	Alzchem Trostberg GMBH	Oid	
71-2	Avian Dietary LC50-Bobwhite Quail	00153785	Alzchem Trostberg GMBH	Old	
71-2	Avian Dietary LC50-Mallard	42178401	Alzchem Trostberg GMBH	Old	
71-2	Avian Dietary LC50-Bobwhite Quail	42178402	Alzchem Trostberg GMBH	Old	
72-1	Acute Toxicity- Rainbow Trout	00148043	Alzchem Trostberg GMBH	Old	
72-1	Acute Tox-Fish	00148044	Alzchem Trostberg GMBH	Old	
72-2	Acute Tox- Daphnia	00148046	Alzchem Trostberg GMBH	Old	
72-1	Acute Tox- Bluegill	00153786	Alzchem Trostberg GMBH	Old	
72-4	Early Life Stage-Trout	44076701	Alzchem Trostberg GMBH	PAY	
72-4	Chronic Toxicity to Daphnia	44076702	Alzchem Trostberg GMBH	PAY	,
72-3	96hr Flow-Through Sheepshead Minnow	44804702	Alzchem Trostberg GMBH	PAY	
72-3	96hr Shell Deposition	44804704	Alzchem Trostberg GMBH	PAY	
72-3	96 hr acute tox w/saltwater mysid	44804703	Alzchem Trostberg GMBH	PAY	
Signature			Name and Title	-	Date
- local	= 4		Dr. Matthew Brooks, Director		3/25/08

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·		DATA MATRIX			
Date March 25, 2008			EPA Reg No./File Symbol 84374-R	Page 6 of 16	
	oplicant's/Registrant's Name & Address reen Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124 DuoMax				
Ingredient Hydrogen Cyanamide			·		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	00148017	Alzchem Trostberg GMBH	Old	
161-2	Photodegradation in water	42178409	Alzchem Trostberg GMBH	Old	·]
162-1	Aerobic Soil Metabolism	00148013	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148014	Alzchem Trostberg GMBH	Öld	
162-1	Aerobic Soil Metabolism	41566505	Alzchem Trostberg GMBH .	Old	
162-1	Aerobic Soil Metabolism	42178410	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42178411	Alzchem Trostberg GMBH	Old	-
162-1	Aerobic Soil Metabolism	00148016	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42211201	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42211202	Alzchem Trostberg GMBH .	Old	
162-2	Anaerobic Soil Metabolism	41390503	Alzchem Trostberg GMBH	Old	-
162-2	Anaerobic Soil Metabolism	42178412	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42178413	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42211203	Alzchem Trostberg GMBH	Old	
Signature			Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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	ם	ATA MATRIX			
Date March 25, 2008			EPA Reg No./File Symbol 84374-R	Page 7 of 16	
Applicant's/Registrant's Name & Ad Green Trees and Plants II, LLC, 12	dress 2208 Quinque Lane, Clifton VA 20124	Product DuoMax			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter ·	Status	Note
163-1	Adsorption/Desorption in Soil	42178414	Alzchem Trostberg GMBH	Old	
163-1	Soil Column Leaching	42178415	Alzchem Trostberg GMBH	Old	
164-1	Soil Dissipation	00148015	Alzchem Trostberg GMBH	Old	
164-1	Soil Dissipation	00148018	Alzchem Trostberg GMBH	Old	
164-1	Field Soil Dissipation of Dormex	42178416	Alzchem Trostberg GMBH	Old	
	-				
132-1	Dislodgeable Foliar Residue	42178408	Alzchem Trostberg GMBH	Old	
202-1	Drift Concentration from Grapevine Applications	42178424	Alzchem Trostberg GMBH	Old	
71-4	Reproductive effects on bobwhite quail	45797201	Alzchem Trostberg GMBH	PAY	·
122-1	Effects of Cyanamide on nontarget plants	45380701	Alzchem Trostberg GMBH	PAY	
122-1	Seedling Emergence	45380702	Alzchem Trostberg GMBH	PAY	
122-2	Algal Growth Inhibition	45382201	Alzchem Trostberg GMBH	PAY	
122-2	96 hr Algal Inhibition	45406601	Alzchem Trostberg GMBH	PAY	
122-2	96 hr algal inhibition	45406602	Alzchem Trostberg GMBH	PAY	
162-4	Aerobic Aquatic Degradation	45382202	Alzchem Trostberg GMBH	PAY	
Signature	= h		Name and Title		Date
- Vito			Dr. Matthew Brooks, Director		3/25/08

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		DATA MATRIX			
Date March 25, 2008			EPA Reg No./File Symbol 84374-R	Page 8 of 16	
Applicant's/Registrant's Name & Ad Green Trees and Plants II, LLC, 12	ddress 2208 Quinque Lane, Clifton VA 20124		Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-2	Vegetative Vigor	40380101	Alzchem Trostberg GMBH	Old	
171-4b	Analysis of Cottonseed	00043361	BASF Corporation	Old	
171-4c	Residues on Cotton Seed	00043362	BASF Corporation	Old	
171-4A2	Metabolism in Cotton Plants	00043363	BASF Corporation	Old	
171-5	Reduction of Residue-Cotton seed oil	00043364	BASF Corporation	Old	
171-5	No Residue Petition	00043365	BASF Corporation	Old	
171-4A2	Residue in Plants	00069483	SEE 54555	Old	
171-4C	Residue Summary in Ginned Cotton seed	00110394	BASF Corporation	Old	
171-4C	Residue Study in Grapes	40329902	Alzchem Trostberg GMBH	Old	т п
171-4C	Storage Stability in grapes	40329903	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	40380101	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	40748701	Alzchem Trostberg GMBH	Old	
171-4A2	Grape Confirmatory Trial	41288808	Alzchem Trostberg GMBH	Old	
171-4A2	NOR-Grape	41288809	Alzchem Trostberg GMBH	Old	
Signature			Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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		DATA MATRIX			
Date March 25,2008 EPA Reg No /File Symbol 84374-R Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124 DuoMax		EPA Reg No./File Symbol 84374-R		Page 9 of 16	
			·		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4A2	NOR-Grape	41288810	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	41288811	Alzchem Trostberg GMBH	Old	
171-4C	Residue Analysis Storage Stability	41288812	Alzchem Trostberg GMBH	Old	
171- 4 C	Assessment of Residues in Peaches	41288813	Alzchem Trostberg GMBH	Old	
171-4C	Determination of Residues in Grapes	41288814	Alzchem Trostberg GMBH	Old	
171-4C	Confirmation trial-Detn in Grapes	41504005	Alzchem Trostberg GMBH	Old	
171-4C	MOR-Grapes	41566506	Alzchem Trostberg GMBH	Old	
171-4C	MOR-Grapes- Ca	41566507	Alzchem Trostberg GMBH	Old	
171-4A1	Analysis of Cyanamide in Avian Feed	42178403	Alzchem Trostberg GMBH	Old	
171-4A1	Method Validation in Grapes	42178419	Alzchem Trostberg GMBH	Old	
171-4B	Assessment of Dormex on Bloom in Grapes	42178420	Alzchem Trostberg GMBH	Old	
171-4C	Determinations of Residues in Grapes	42178421	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	42178422	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	42178423	Alzchem Trostberg GMBH	Old	
Signature			Name and Title	<u> </u>	Date
and the state of t			Dr. Matthew Brooks, Director		3/25/08

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	·	DATA MATRIX			
Applicant's/Registrant's Name & Address		EPA Reg No /File Symbol 84374-R		Page 10 of 16	
			Product DuoMax		
Ingredient Hydrogen Cyanamide			·		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-10	Disassociation Constant		Green Trees and Plants II LLC	Submitted	
63-9	Vapor Pressure		Green Trees and Plants II LLC	Submitted	
62-3[830.1670]	Color		Green Trees and Plants II LLC	Submitted	
63-3 [830.6303]	Physical State		Green Trees and Plants II LLC	Submitted	
63-4[830.6304]	Odor		Green Trees and Plants II LLC	Submitted	
63-6[830.7220]	Boiling Point		Green Trees and Plants II LLC	Submitted	
63-7[830.7300]	Density		Green Trees and Plants II LLC	Submitted	
63-8[830.7840]	Solubility		Green Trees and Plants II LLC	Submitted	
63-5	Melting Point	·	Green Trees and Plants II LLC	Submitted	
63-12[830.7000]	рН		Green Trees and Plants II LLC	Submitted	
63-21	Dielectric Breakdown Voltage		Green Trees and Plants II LLC	Submitted	
		-			
Signature	ato W		Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol 84374-R		Page 11 of 16	
			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-11	Octanol/Water Partition	00069482	SEE 54555	Olld	
63-11	Octonal/Water Partition	41504001	Alzchem Trostberg GMBH	Old	
63-11	Octanol/ Water Partition	42202901	Alzchem Trostberg GMBH	Old	
63-13	Stability	00069482	SEE 54555	Old	
63-13	Stability	41504001	Alzchem Trostberg GMBH	Old	
63-13	Stability	42202901	Alzchem Trostberg GMBH	Old	
63-15	Redox Potential	00069482	SEE 54555	Old	
63-15	Redox Potential	41504001	Alzchem Trostberg GMBH	Old	
63-15	Redox Potential	42202901	Alzchem Trostberg GMBH	Old	
		·	,		И
Signature	W		Name and Title Dr. Matthew Brooks, Director		Date . 3/25/08

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•	D.A.	TA MATRIX				
Date March 25, 2008			EPA Reg No./File Symbol 84374-R		Page 12 of 16	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		· · · · · · · · · · · · · · · · · · ·	
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
158.165	Description of formulation process		Green Trees and Plants II LLC	Submit		
158.167	Discussion of impurities		Green Trees and Plants II LLC	Submit		
158.170	Preliminary Analysis		Green Trees and Plants II LLC	Submit		
157.175	Certified Limits		Green Trees and Plants II LLC	Submit		
158.180	Enforcement Analytical Method		Green Trees and Plants II LLC	Submit		
158.155	Product Identity and Composition		Green Trees and Plants II LLC	Submit	_	
158.160	Descrition of Materials used to produce the product		Green Trees and Plants II LLC	Submit		
158.162	Description of Production Process		Green Trees and Plants II LLC	Submit		
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Signature	. /		Name and Title Dr. Matthew Brooks, Director	<u> </u>	Date 3/25/08	

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, .		DATA MATRIX				
Date March 25, 2008			EPA Reg No./File Symbol 84374-R		Page 13 of 16	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124		Product DuoMax [End-Use Product]				
Ingredient Hydrogen Cyanamide		, , , , , , , , , , , , , , , , , , , ,				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
63-15	Flammability		Green Trees and Plants II LLC	Submitted		
63-16	Explodability	·	Green Trees and Plants II LLC	Submitted		
62-3[830.1670]	Color	·	Green Trees and Plants II LLC	Submitted		
63-3 [830.6303]	Physical State		Green Trees and Plants II LLC	Submitted		
63-4[830.6304]	Odor		Green Trees and Plants II LLC	Submitted		
63-18	Viscosity		Green Trees and Plants II LLC	Submitted		
63-7[830.7300]	Density	·	Green Trees and Plants II LLC	Submitted		
63-8[830.7840]	Solubility	·	Green Trees and Plants II LLC	Submitted		
63-19	Miscibility		Green Trees and Plants II LLC	Submitted		
63-12[830.7000]	рН		Green Trees and Plants II LLC	Submitted	:	
63-21	Dielectric Breakdown Voltage		Green Trees and Plants II LLC	Submitted		
63-17	Storage Stability	00148011	Alzchem Trostberg GMBH	Old		
63-17	Storage Stability	42178406	Alzchem Trostberg GMBH	Old		
63-20	Corrosion Characteristics	00148011	Alzchem Trostberg GMBH	Old		
63-20	Corrosion Characteristics	42178406	Alzchem Trostberg GMBH	Old		
Signature	= 6/	•	Name and Title Dr. Matthew Brooks, Director		Date 3/25/08	

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	DA	TA MATRIX	· .		
Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol 84374-R		Page 14 of 16	
			Product DuoMax [End Use Product]		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.165	Description of formulation process		Green Trees and Plants II LLC	Submit	
158.167	Discussion of impurities		Green Trees and Plants II LLC	Submit	
158.170	Preliminary Analysis		Green Trees and Plants II LLC	Submit	
157.175	Certified Limits		Green Trees and Plants II LLC	Submit	•
158.180	Enforcement Analytical Method		Green Trees and Plants II LLC	Submit	
158.155	Product Identity and Composition		Green Trees and Plants II LLC	Submit	
158.160	Descrition of Materials used to produce the product		Green Trees and Plants II LLC	Submit	
158.162	Description of Production Process		Green Trees and Plants II LLC	Submit	
		ŧ			h
Signature	= 6/		Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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		DATA MATRIX			
Date March 25, 2008			EPA Reg No./File Symbol 84374-R		Page 15of 16
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane Clifton VA 20124			Product DuoMax [End-Use Product]		
Ingredient Hydrogen Cyanamide				•	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Tox-rat	00104220	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00069490	SEE 54555	Old	
81-2	Acute Dermal Tox-rat	00104220	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00148022	Alzchem Trostberg GMBH	Old	
81-2	Acute Dermal Tox-rat	41566501	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat	00069488	SEE 54555	Old	
81-3	Acute Inhalation Tox-Rat	00148023	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00069489	SEE 54555	Old	
81-4	Primary Eye Irritation	00148024	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00153782	Alzchem Trostberg GMBH	Old	E
81-5	Primary Dermal Irritation	00153781	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old	,
81-6	Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old	
Signature	to hy		Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol 84374-R	<u> </u>	Page 16of 16	
			Product DuoMax [End-Use Product]		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Biologic, Inc.				
	Agent for Alzchem Trostberg GMBH	•			
	115 Obtuse Hill Road				
	Brookfield CT 20006				
	Wiley Rein LLP				
	Counsel for Alzchem Trostberg GMBH		-		
	1776 K Street NW			·	
	Washington DC 20006				r
					-
				_	
Signature	- h		Name and Title Dr. Matthew Brooks, Director		Date 3/25/08

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		DATA MATRIX			
Date June 3, 2013	Date June 3, 2013			EPA Reg No./File Symbol 84374-1	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamid	e de la companya de				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Tox-rat	00069487	Alzchem Trostberg GMBH	Old	
81-1	Acute Oral Tox-Rat	00110395	BASF Corporation	Old	
81-1	Acute Oral Tox-Rat	00148021	Alzchem Trostberg GMBH	Old	
81-2	Acute Dermal Tox-rat	00043347	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00110395	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	41288801	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat	00069488	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat	.00148023	Alzchem Trostberg GMBH	Old	La La
81-4	Primary Eye Irritation	00043347	BASF Corporation	Old	
81-4	Primary Eye Irritation	00104220	BASF Corporation	Old	
81-4	Primary Eye Irritation	00110395	BASF Corporation	Old	
81-5	Primary Dermal Irritation	00104220	BASF Corporation	Old	
81-5	Primary Dermal Irritation	00148025	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old	
Signature	/		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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		DATA MATRIX			
Date June 5, 2013			EPA Reg No./File Symbol 84374-1		Page 2 of 15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			Product Duo Max		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
82-1	90 Day Feeding	00043347	BASF Corporation	Old	
82-1	28 Day Rangefinding- Oral Feeding	00069491	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Rat	00069492	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Rat	00110395	BASF Corporation	Old	
82-1	28 Day Rangefinding- Oral Feeding	00148027	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Rat	00148028	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Dog	00148029	Alzchem Trostberg GMBH	Old	
82-1	90 Day Feeding-Dog	41390501	Alzchem Trostberg GMBH	Old	
82-1	28 Day Repeated Oral Dose	42202902	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Dog	41288802	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Mouse	41288803	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	41288804	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	41504003	Alzchem Trostberg GMBH	Old	
83-1	Chronic Feeding Study - Rat	42178404	Alzchem Trostberg GMBH	Old	
83-1	104 Week Carcinogenicity Study-Mouse	41566502	Alzchem Trostberg GMBH	Old	
Signature			Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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	DAT	A MATRIX			
Date June 5, 2013			EPA Reg No./File Symbol 84374-1		Page 3 of 15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamid	9				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
84-2	Mutagenicity	00148033	Alzchem Trostberg GMBH	Old	
84-2	Chomosomal Aberration	00148034	Alzchem Trostberg GMBH	Old	
84-2	Chromosomal Aberration	00148035	Alzchem Trostberg GMBH	Old	
84-2	Mutagenicity	00148036	Alzchem Trostberg GMBH	Old	
84-2	Chomosomal Aberration	40389607	Alzchem Trostberg GMBH	Old	THE STATE OF
84-2	Salmoneila Mutation Assay	40389608	Alzchem Trostberg GMBH	Old	
84-2	Cytogenetic Assay	40389609	Alzchem Trostberg GMBH	Old	
84-2	Mouse Micronucleus Assay	40389610	Alzchem Trostberg GMBH	Old	
85-1	General Metabolism	00148037	Alzchem Trostberg GMBH	Old	
85-1	General Met of Hydrogen Cyanamide-Rat and Human	40748702		Old	
85-1	General Metabolism	42178407	Alzchem Trostberg GMBH		
83-1	General Metabolism	42178407	Alzchem Trostberg GMBH	Old	
85-3	Dermal Absorption of 14C-Cyanamide in Rat	41504004	Alzchem Trostberg GMBH	Old	
Signature			Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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		DATA MATRIX				
Date June 5, 2013			EPA Reg No./File Symbol 84374-1		Page 4 of 15	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
83-2	Oncogenicity	00148030	Alzchem Trostberg GMBH	Old		
83-2	80 Week Carcinogenicity	41390502	Alzchem Trostberg GMBH	Old		
83-2	104 Week Oral Carcinogenicity Study	41566502	Alzchem Trostberg GMBH	Old		
83-2	104 Week Oral Carcinogenicity Study	42178405	Alzchem Trostberg GMBH	Old		
83-3	Embryotoxicity/Teratogenicity	00148031	Alzchem Trostberg GMBH	Old		
83-3	Embryotoxicity/Teratogenicity	41288805	Alzchem Trostberg GMBH	Old		
83-3	Rat Teratology	41288806	Alzchem Trostberg GMBH	Old		
83-4	Two Generation Reproduction-Rat	40389602	Alzchem Trostberg GMBH	Old		
83-4	Spontaneous Malformations-Rat	40389603	Alzchem Trostberg GMBH	Old		
83-4	Incidences of Tumors	40389604	Alzchem Trostberg GMBH	Old		
83-4	Background Pathology-3 month study-Rat	40389605	Alzchem Trostberg GMBH	Old		
83-4	Background Pathology-12 Month Study-Rat	40389606	Alzchem Trostberg GMBH	Old		
83-4	Background Pathology-24 month study-Rat	40436101	Alzchem Trostberg GMBH	Old		
83-4	Two Generation Reproduction-Rat	41566504	Alzchem Trostberg GMBH	Old		
Signature			Name and Title		Date	
	n h		Dr. Matthew Brooks, Director		Date 6/5/13	

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		DATA MATRIX				
Date June 5, 2013	Date June 5, 2013		EPA Reg No./File Symbol 84374-1		Page 5 of 15	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
71-1	Avian Acute Oral- Bobwhite Quail	00153783	Alzchem Trostberg GMBH	Old		
71-1	Avian Acute Oral- Mallard	00153784	Alzchem Trostberg GMBH	Old		
71-2	Avian Dietary LC50-Bobwhite Quail	00153785	Alzchem Trostberg GMBH	Old		
71-2	Avian Dietary LC50-Mallard	42178401	Alzchem Trostberg GMBH	Old		
71-2	Avian Dietary LC50-Bobwhite Quail	42178402	Alzchem Trostberg GMBH	Old		
72-1	Acute Toxicity- Rainbow Trout	00148043	Alzchem Trostberg GMBH	Old		
72-1	Acute Tox-Fish	00148044	Alzchem Trostberg GMBH	Old		
72-2	Acute Tox- Daphnia	00148046	Alzchem Trostberg GMBH	Old		
72-1	Acute Tox- Bluegill	00153786	Alzchem Trostberg GMBH	Old		
72-4	Early Life Stage-Trout	44076701	Alzchem Trostberg GMBH	Old		
72-4	Chronic Toxicity to Daphnia	44076702	Alzchem Trostberg GMBH	Old		
72-3	96hr Flow-Through Sheepshead Minnow	44804702	Alzchem Trostberg GMBH	PAY		
72-3	96hr Shell Deposition	44804704	Alzchem Trostberg GMBH	PAY		
72-3	96 hr acute tox w/saltwater mysid	44804703	Alzchem Trostberg GMBH	PAY		
Signature	m w		Name and Title Dr. Matthew Brooks, Director		Date 6-5-13	

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		DATA MATRIX			
Date June 5, 2013			EPA Reg No./File Symbol 84374-1	Page 6 of 15	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
ngredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	00148017	Alzchem Trostberg GMBH	Old	
161-2	Photodegradation in water	42178409	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148013	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148014	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	41566505	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42178410	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42178411	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148016	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42211201	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	42211202	Alzchem Trostberg GMBH	Old	
162-2	-Anaerobic Soil Metabolism	41390503	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42178412	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42178413	Alzchem Trostberg GMBH	Old	
162-2	Anaerobic Soil Metabolism	42211203	Alzchem Trostberg GMBH	Old	
163-1	Adsorption/Desorption in Soil	42178414	Alzchem Trostberg GMBH	Old	
Signature	n w		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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Date June 5, 2013	全国的 医阿克里氏神经神经神经神经神经神经		EPA Reg No./File Symbol 84374-1		Page 7 of 15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
164-1	Field Soil Dissipation of Dormex	42178416	Alzchem Trostberg GMBH	Old	
163-1	Soil Column Leaching	42178415	Alzchem Trostberg GMBH	Old	
164-1	Soil Dissipation	00148015	Alzchem Trostberg GMBH	Old	
164-1	Soil Dissipation	00148018	Alzchem Trostberg GMBH	Old	
850.4100	Seedling Emergence Tier 2	48404301	Alzchem Trostberg GMBH	PAY	
850.4250	Vegetative Vigor Tier 2	48404302	Alzchem Trostberg GMBH	PAY	
132-1	Dislodgeable Foliar Residue	42178408	Alzchem Trostberg GMBH	Old	B THE STREET
202-1	Drift Concentration from Grapevine Applications	42178424	Alzchem Trostberg GMBH	Old	
71-4	Reproductive effects on bobwhite quail	45797201	Alzchem Trostberg GMBH	PAY	
122-1	Effects of Cyanamide on nontarget plants	45380701	Alzchem Trostberg GMBH	PAY	
122-1	Seedling Emergence	45380702	Alzchem Trostberg GMBH	PAY	
122-2	Algal Growth Inhibition	45382201	Alzchem Trostberg GMBH	PAY	
122-2	96 hr Algal Inhibition	45406601	Alzchem Trostberg GMBH	PAY	
122-2	96 hr algal inhibition	45406602	Alzchem Trostberg GMBH	PAY	
162-4	Aerobic Aquatic Degradation	45382202	Alzchem Trostberg GMBH	PAY	
Signature	en w		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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		DATA MATRIX			
Date June 5, 2013			EPA Reg No./File Symbol 84374-1		Page 8 of 15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
122-2	Vegetative Vigor	40380101	Alzchem Trostberg GMBH	Old	C 2 4 97
171-4b	Analysis of Cottonseed	00043361	BASF Corporation	Old	
171-4c	Residues on Cotton Seed	00043362	BASF Corporation	Old	
171-4A2	Metabolism in Cotton Plants	00043363	BASF Corporation	Old	
171-5	Reduction of Residue-Cotton seed oil	00043364	BASF Corporation	Old	
171-5	No Residue Petition	00043365	BASF Corporation	Old	
171-4A2	Residue in Plants	00069483	Alzchem Trostberg GMBH	Old	
171-4C	Residue Summary in Ginned Cotton seed	00110394	BASF Corporation	Old	
171-4C	Residue Study in Grapes	40329902	Alzchem Trostberg GMBH	Old	
171-4C	Storage Stability in grapes	40329903	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	40380101	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	40748701	Alzchem Trostberg GMBH	Old	
171-4A2	Grape Confirmatory Trial	41288808	Alzchem Trostberg GMBH	Old	
171-4A2	NOR-Grape	41288809	Alzchem Trostberg GMBH	Old	
Signature	hh		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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		DATA MATRIX			
Date June 5, 2013			EPA Reg No./File Symbol 84374-1	Page 9 of 15	
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4A2	NOR-Grape	41288810	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	41288811	Alzchem Trostberg GMBH	Old	
171-4C	Residue Analysis Storage Stability	41288812	Alzchem Trostberg GMBH	Old	
171-4C	Assessment of Residues in Peaches	41288813	Alzchem Trostberg GMBH	Old	
171-4C	Determination of Residues in Grapes	41288814	Alzchem Trostberg GMBH	Old	
171-4C	Confirmation trial-Detn in Grapes	41504005	Alzchem Trostberg GMBH	Old	
171-4C	MOR-Grapes	41566506	Alzchem Trostberg GMBH	Old	
171-4C	MOR-Grapes- Ca	41566507	Alzchem Trostberg GMBH	Old	
171-4A1	Analysis of Cyanamide in Avian Feed	42178403	Alzchem Trostberg GMBH	Old	
171 - 4A1	Method Validation in Grapes	42178419	Alzchem Trostberg GMBH	Old	
171-4B	Assessment of Dormex on Bloom in Grapes	42178420	Alzchem Trostberg GMBH	Old	R REAL STATE
171-4C	Determinations of Residues in Grapes	42178421	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	42178422	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	42178423	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Blackberries		ANY	PAY	
Signature	na		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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		DATA MATRIX				
Date June 5, 2013			EPA Reg No./File Symbol 84374-1		Page 16 of	15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
63-10	Disassociation Constant	47132601	Green Trees and Plants II LLC	OWN		
63-9	Vapor Pressure	47132601	Green Trees and Plants II LLC	OWN		
62-3[830.1670]	Color	47132601	Green Trees and Plants II LLC	OWN		
63-3 [830.6303]	Physical State	47132601	Green Trees and Plants II LLC	OWN		
63-4[830.6304]	Odor	47132601	Green Trees and Plants II LLC	OWN		
63-6[830.7220]	Boiling Point	47132601	Green Trees and Plants II LLC	OWN		
63-7[830.7300]	Density	47132601	Green Trees and Plants II LLC	OWN		
63-8[830.7840]	Solubility	47132601	Green Trees and Plants II LLC	OWN		
63-5	Melting Point	47132601	Green Trees and Plants II LLC	OWN		
63-12[830.7000]	рН	47132601	Green Trees and Plants II LLC	OWN		
63-21	Dielectric Breakdown Voltage	47132601	Green Trees and Plants II LLC	OWN		
830.7050	UV/Visible Absorption	48404303	Alzchem Trostberg GMBH	PAY		
Signature	2 0/		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13	

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		DATA MATRIX			
Date June 5, 2013			EPA Reg No./File Symbol 84374-1		Page 1 of 15
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-11	Octanol/Water Partition	00069482	Alzchem Trostberg GMBH	Old	
63-11	Octonal/Water Partition	41504001	Alzchem Trostberg GMBH	Old	C A CANADA
63-11	Octanol/ Water Partition	42202901	Alzchem Trostberg GMBH	Old	
63-13	Stability	00069482	Alzchem Trostberg GMBH	Old	
63-13	Stability	41504001	Alzchem Trostberg GMBH	Old	
63-13	Stability	42202901	Alzchem Trostberg GMBH	Old	
63-15	Redox Potential	00069482	Alzchem Trostberg GMBH	Old	
63-15	Redox Potential	41504001	Alzchem Trostberg GMBH	Old	
63-15	Redox Potential	42202901	Alzchem Trostberg GMBH	Old	
		TOTAL CONTRACTOR	建筑市场上海市		
			1000		
Signature	the hold		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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	DA	ATA MATRIX			
Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol 84374-1		Page 13 of 15	
			Product DuoMax		
Ingredient Hydrogen Cyanamide	第一个人的时间,他们是一个人的时间,他们是一个人的时间,				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.165	Description of formulation process	47132601	Green Trees and Plants II LLC	OWN	
158.167	Discussion of impurities	47132601	Green Trees and Plants II LLC	OWN	
158.170	Preliminary Analysis	47132601	Green Trees and Plants II LLC	OWN	
157.175	Certified Limits	47132601	Green Trees and Plants II LLC	OWN	
158.180	Enforcement Analytical Method	47132601	Green Trees and Plants II LLC	OWN	
158.155	Product Identity and Composition	47132601	Green Trees and Plants II LLC	OWN	
158.160	Descrition of Materials used to produce the product	47132601	Green Trees and Plants II LLC	OWN	
158.162	Description of Production Process	47132601	Green Trees and Plants II LLC	OWN	
Signature	7 4/		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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		DATA MATRIX				
		EPA Reg No./File Symbol 84374-1		Page 13 of 1	15	
Applicant's/Registrant's Name & Ad Green Trees and Plants II, LLC 12	ddress 208 Quinque Lane, Clifton VA 20124		Product DuoMax [End-Use Product]			
Ingredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
63-15	Flammability	47132602	Green Trees and Plants II LLC	OWN		
63-16	Explodability	47132602	Green Trees and Plants II LLC	OWN		
62-3[830.1670]	Color	47132602	Green Trees and Plants II LLC	OWN		
63-3 [830.6303]	Physical State	47132602	Green Trees and Plants II LLC	OWN		
63-4[830.6304]	Odor	47132602	Green Trees and Plants II LLC	OWN		
63-18	Viscosity	47132602	Green Trees and Plants II LLC	OWN		
63-7[830.7300]	Density	47132602	Green Trees and Plants II LLC	OWN		
63-8[830.7840]	Solubility	47132602	Green Trees and Plants II LLC	OWN		
63-19	Miscibility	47132602	Green Trees and Plants II LLC	OWN		
63-12[830.7000]	рН	47132602	Green Trees and Plants II LLC	OWN		
63-21	Dielectric Breakdown Voltage	47132602	Green Trees and Plants II LLC	OWN		
63-17	Storage Stability	00148011	Alzchem Trostberg GMBH	Old		
63-17	Storage Stability	42178406	Alzchem Trostberg GMBH	Old		
63-20	Corrosion Characteristics	00148011	Alzchem Trostberg GMBH	Old		
63-20	Corrosion Characteristics	42178406	Alzchem Trostberg GMBH	Old	A COLUMN	
Signature	4 ~		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13	

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	DA	ATA MATRIX			
Applicant's/Registrant's Name & Address		EPA Reg No./File Symbol 84374-1		Page 14 of 15	
			Product DuoMax [End Use Product]		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.165	Description of formulation process	47132602	Green Trees and Plants II LLC	OWN	
158.167	Discussion of impurities	47132602	Green Trees and Plants II LLC	OWN	
158.170	Preliminary Analysis	47132602	Green Trees and Plants II LLC	OWN	
157.175	Certified Limits	47132602	Green Trees and Plants II LLC	OWN	
158.180	Enforcement Analytical Method	47132602	Green Trees and Plants II LLC	OWN	
158.155	Product Identity and Composition	47132602	Green Trees and Plants II LLC	OWN	
158.160	Descrition of Materials used to produce the product	47132602	Green Trees and Plants II LLC	OWN	
158.162	Description of Production Process	47132602	Green Trees and Plants II LLC	OWN	
					3 3 4 4 4 4
	A PARTY AND AND ASSESSMENT				
Signature			Name and Title		Date
	11 4		Dr. Matthew Brooks, Director		6/5/13

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		DATA MATRIX			
Date June 5, 2013 Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane Clifton VA 20124		EPA Reg No./File Symbol 84374-1		Page 15 of 15	
		Product DuoMax [End-Use Product]			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Tox-rat	00104220	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00069490	Alzchem Trostberg GMBH	Old	
81-2	Acute Dermal Tox-rat	00104220	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00148022	Alzchem Trostberg GMBH	Old	
81-2	Acute Dermal Tox-rat	41566501	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat	00069488	Alzchem Trostberg GMBH	Old	
81-3	Acute Inhalation Tox-Rat	00148023	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00069489	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00148024	Alzchem Trostberg GMBH	Old	
81-4	Primary Eye Irritation	00153782	Alzchem Trostberg GMBH	Old	
81-5	Primary Dermal Irritation		Green Trees and Plants	Submitted	
81-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old	
					Belga.
Signature	1 4		Name and Title Dr. Matthew Brooks, Director		Date 6/5/13

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		DATA MATRIX		26.000 B		
rch 29, 2012			EPA Reg No./File Symbol 84374-1		Page 1 of 16	
licant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane Clifton VA 20124		Product DuoMax				
Ingredient Hydrogen Cyanamid	е					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
81-1	Acute Oral Tox-rat	00069487	SEE 54555	Old		
31-1	Acute Oral Tox-Rat	00110395	BASF Corporation	Old		
31-1	Acute Oral Tox-Rat	00148021	Alzchem Trostberg GMBH	Old		
81-2	Acute Dermal Tox-rat	00043347	BASF Corporation	Old		
31-2	Acute Dermal Tox-rat	00110395	BASF Corporation	Old		
31-2	Acute Dermal Tox-rat	41288801	Alzchem Trostberg GMBH	Old		
	Acute Inhalation Tox-Rat	00069488	SEE 54555	Old		
3	Acute Inhalation Tox-Rat	00148023	Alzchem Trostberg GMBH	Old		
1-4	Primary Eye Irritation	00043347	BASF Corporation	Old		
1-4	Primary Eye Irritation	00104220	BASF Corporation	Old		
11-4	Primary Eye Irritation	00110395	BASF Corporation	Old		
31-5	Primary Dermal Irritation	00104220	BASF Corporation	Old		
1-5	Primary Dermal Irritation	00148025	Alzchem Trostberg GMBH	Old		
1-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old		
1-6	Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old		
Signature	~		Name and Title Dr. Matthew Brooks, Director	1	Date 3/29/12	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX				
rch 29, 2012			EPA Reg No./File Symbol 84374-1		Page 2 of 16	
Ilicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124		Product Duo Max				
ngredient Hydrogen Cyanamide						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
32-1	90 Day Feeding	00043347	BASF Corporation	Old		
32-1	28 Day Rangefinding- Oral Feeding	00069491	SEE 54555	Old		
32-1	90 Day Feeding-Rat	00069492	SEE 54555	Old		
32-1	90 Day Feeding-Rat	00110395	BASF Corporation	Old		
32-1	28 Day Rangefinding- Oral Feeding	00148027	Alzchem Trostberg GMBH	Old		
32-1	90 Day Feeding-Rat	00148028	Alzchem Trostberg GMBH	Old		
	90 Day Feeding-Dog	00148029	Alzchem Trostberg GMBH	Old		
	90 Day Feeding-Dog	41390501	Alzchem Trostberg GMBH	Old		
2-1	28 Day Repeated Oral Dose	42202902	Alzchem Trostberg GMBH	Old		
3-1	Chronic Feeding Study - Dog	41288802	Alzchem Trostberg GMBH	Old		
3-1	Chronic Feeding Study - Mouse	41288803	Alzchem Trostberg GMBH	Old		
33-1	Chronic Feeding Study - Rat	41288804	Alzchem Trostberg GMBH	Old		
3-1	Chronic Feeding Study - Rat	41504003	Alzchem Trostberg GMBH	Old		
3-1	Chronic Feeding Study - Rat	42178404	Alzchem Trostberg GMBH	Old		
3-1	104 Week Carcinogenicity Study-Mouse	41566502	Alzchem Trostberg GMBH	Old		
Signature			Name and Title Dr. Matthew Brooks, Director		Date 3/29/12	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

	DA	TA MATRIX		Charles III		
rch 29,2012			EPA Reg No./File Symbol 84374-1		Page 3 of 16	
licant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124			Product DuoMax			
ngredient Hydrogen Cyanamid	е					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
34-2	Mutagenicity	00148033	Alzchem Trostberg GMBH	Old		
4-2	Chomosomal Aberration	00148034	Alzchem Trostberg GMBH	Old		
4-2	Chromosomal Aberration	00148035	Alzchem Trostberg GMBH	Old		
4-2	Mutagenicity	00148036	Alzchem Trostberg GMBH	Old		
4-2	Chomosomal Aberration	40389607	Alzchem Trostberg GMBH	Old		
4-2	Salmonella Mutation Assay	40389608	Alzchem Trostberg GMBH	Old		
	Cytogenetic Assay	40389609	Alzchem Trostberg GMBH	Old		
7	Mouse Micronucleus Assay	40389610	Alzchem Trostberg GMBH	Old		
5-1	General Metabolism	00148037	Alzchem Trostberg GMBH	Old		
5-1	General Met of Hydrogen Cyanamide-Rat and Human	40748702	Alzchem Trostberg GMBH	Old		
5-1	General Metabolism	42178407	Alzchem Trostberg GMBH	Old .		
5-3	Dermal Absorption of 14C-Cyanamide in Rat	41504004	Alzchem Trostberg GMBH	Old		
Signature	h/		Name and Title Dr. Matthew Brooks, Director		Date 3/29/12	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX			
rch 29,2012			EPA Reg No./File Symbol 84374-1		Page 4 of 16
ilicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		Product DuoMax			
ngredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
33-2	Oncogenicity	00148030	Alzchem Trostberg GMBH	Old	
3-2	80 Week Carcinogenicity	41390502	Alzchem Trostberg GMBH	Old	
33-2	104 Week Oral Carcinogenicity Study	41566502	Alzchem Trostberg GMBH	Old	
33-2	104 Week Oral Carcinogenicity Study	42178405	Alzchem Trostberg GMBH	Old	
3-3	Embryotoxicity/Teratogenicity	00148031	Alzchem Trostberg GMBH	Old	
3-2	Embryotoxicity/Teratogenicity	41288805	Alzchem Trostberg GMBH	Old	
	Rat Teratology	41288806	Alzchem Trostberg GMBH	Old	
	Two Generation Reproduction-Rat	40389602	Alzchem Trostberg GMBH	Old	
3-4	Spontaneous Malformations-Rat	40389603	Alzchem Trostberg GMBH	Old	
3-4	Incidences of Tumors	40389604	Alzchem Trostberg GMBH	Old	
3-4	Background Pathology-3 month study-Rat	40389605	Alzchem Trostberg GMBH	Old	
3-4	Background Pathology-12 Month Study-Rat	40389606	Alzchem Trostberg GMBH	Old	
3-4	Background Pathology-24 month study-Rat	40436101	Alzchem Trostberg GMBH	Old	
3-4	Two Generation Reproduction-Rat	41566504	Alzchem Trostberg GMBH	Old	
Signature	10/		Name and Title Dr. Matthew Brooks, Director		Date 3/29/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX			
rch 29, 2012			EPA Reg No./File Symbol 84374-1		Page 5 of 16
licant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		Product DuoMax			
ngredient Hydrogen Cyanamic	de				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
11-1	Avian Acute Oral- Bobwhite Quail	00153783	Alzchem Trostberg GMBH	Old	
1-1	Avian Acute Oral- Mallard	00153784	Alzchem Trostberg GMBH	Old	
1-2	Avian Dietary LC50-Bobwhite Quail	00153785	Alzchem Trostberg GMBH	Old	
1-2	Avian Dietary LC50-Mallard	42178401	Alzchem Trostberg GMBH	Old	
1-2	Avian Dietary LC50-Bobwhite Quail	42178402	Alzchem Trostberg GMBH	Old	
	Acute Toxicity- Rainbow Trout	00148043	Alzchem Trostberg GMBH	Old	
	Acute Tox-Fish	00148044	Alzchem Trostberg GMBH	Old	
2-2	Acute Tox- Daphnia	00148046	Alzchem Trostberg GMBH	Old	
2-1	Acute Tox- Bluegill	00153786	Alzchem Trostberg GMBH	Old	
2-4	Early Life Stage-Trout	44076701	Alzchem Trostberg GMBH	Old	
2-4	Chronic Toxicity to Daphnia	44076702	Alzchem Trostberg GMBH	Old	
2-3	96hr Flow-Through Sheepshead Minnow	44804702	Alzchem Trostberg GMBH	PAY	
2-3	96hr Shell Deposition	44804704	Alzchem Trostberg GMBH	PAY	
2-3	96 hr acute tox w/saltwater mysid	44804703	Alzchem Trostberg GMBH	PAY	
ignature		E L	Name and Title Dr. Matthew Brooks, Director		Date 3/29/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX			
rch 29, 2012			EPA Reg No./File Symbol 84374-1		Page 6 of 16
blicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		Product DuoMax			
ngredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
161-1	Hydrolysis	00148017	Alzchem Trostberg GMBH	Old	
61-2	Photodegradation in water	42178409	Alzchem Trostberg GMBH	Old	
62-1	Aerobic Soil Metabolism	00148013	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	00148014	Alzchem Trostberg GMBH	Old	
162-1	Aerobic Soil Metabolism	41566505	Alzchem Trostberg GMBH	Old	
62	Aerobic Soil Metabolism	42178410	Alzchem Trostberg GMBH	Old	
	Aerobic Soil Metabolism	42178411	Alzchem Trostberg GMBH	Old	
1	Aerobic Soil Metabolism	00148016	Alzchem Trostberg GMBH	Old	
62-1	Aerobic Soil Metabolism	42211201	Alzchem Trostberg GMBH	Old	
62-1	Aerobic Soil Metabolism	42211202	Alzchem Trostberg GMBH	Old	
62-2	Anaerobic Soil Metabolism	41390503	Alzchem Trostberg GMBH	Old	
62-2	Anaerobic Soil Metabolism	42178412	Alzchem Trostberg GMBH	Old	
62-2	Anaerobic Soil Metabolism	42178413	Alzchem Trostberg GMBH	Old	
62-2	Anaerobic Soil Metabolism	42211203	Alzchem Trostberg GMBH	Old	
63-1	Adsorption/Desorption in Soil	42178414	Alzchem Trostberg GMBH	Old	
Signature	1		Name and Title Dr. Matthew Brooks, Director		Date 3/29/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX				
rch 29, 2012			EPA Reg No./File Symbol 84374-1		Page 7 of 16	
licant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax			
Ingredient Hydrogen Cyanamid	le					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
164-1	Field Soil Dissipation of Dormex	42178416	Alzchem Trostberg GMBH	Old		
163-1	Soil Column Leaching	42178415	Alzchem Trostberg GMBH	Old		
164-1	Soil Dissipation	00148015	Alzchem Trostberg GMBH	Old		
64-1	Soil Dissipation	00148018	Alzchem Trostberg GMBH	Old		
350.4100	Seedling Emergence Tier 2	48404301	Alzchem Trostberg GMBH	PAY		
550-250	Vegetative Vigor Tier 2	48404302	Alzchem Trostberg GMBH	PAY		
	Dislodgeable Foliar Residue	42178408	Alzchem Trostberg GMBH	Old		
)1	Drift Concentration from Grapevine Applications	42178424	Alzchem Trostberg GMBH	Old		
1-4	Reproductive effects on bobwhite quail	45797201	Alzchem Trostberg GMBH	PAY		
22-1	Effects of Cyanamide on nontarget plants	45380701	Alzchem Trostberg GMBH	PAY		
22-1	Seedling Emergence	45380702	Alzchem Trostberg GMBH	PAY		
22-2	Algal Growth Inhibition	45382201	Alzchem Trostberg GMBH	PAY		
22-2	96 hr Algal Inhibition	45406601	Alzchem Trostberg GMBH	PAY		
22-2	96 hr algal inhibition	45406602	Alzchem Trostberg GMBH	PAY		
62-4	Aerobic Aquatic Degradation	45382202	Alzchem Trostberg GMBH	PAY		
Signature	7 6		Name and Title Dr. Matthew Brooks, Director		Date 3/29/12	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX				
ch 29, 2012			EPA Reg No./File Symbol 84374-1		Page 8 of 16	
licant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124		Product DuoMax				
ngredient Hydrogen Cyanamid						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
122-2	Vegetative Vigor	40380101	Alzchem Trostberg GMBH	Old		
71-4b	Analysis of Cottonseed	00043361	BASF Corporation	Old		
71-4c	Residues on Cotton Seed	00043362	BASF Corporation	Old		
71-4A2	Metabolism in Cotton Plants	00043363	BASF Corporation	Old	A Part of the last	
7	Reduction of Residue-Cotton seed oil	00043364	BASF Corporation	Old		
	No Residue Petition	00043365	BASF Corporation	Old		
4A2	Residue in Plants	00069483	SEE 54555	Old		
71-4C	Residue Summary in Ginned Cotton seed	00110394	BASF Corporation	Old		
71-4C	Residue Study in Grapes	40329902	Alzchem Trostberg GMBH	Old		
71-4C	Storage Stability in grapes	40329903	Alzchem Trostberg GMBH	Old		
71-4C	Residue Study in Grapes	40380101	Alzchem Trostberg GMBH	Old		
71-4C	Residue Study in Grapes	40748701	Alzchem Trostberg GMBH	Old		
71-4A2	Grape Confirmatory Trial	41288808	Alzchem Trostberg GMBH	Old		
71-4A2	NOR-Grape	41288809	Alzchem Trostberg GMBH	Old		
Signature			Name and Title Dr. Matthew Brooks, Director		Date 3/29/12	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX			
e March 29,2012			EPA Reg No./File Symbol 84374-1		Page 9 of 16
Applicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
171-4A2	NOR-Grape	41288810	Alzchem Trostberg GMBH	Old	
171-4C	Residue Study in Grapes	41288811	Alzchem Trostberg GMBH	Old	
171-4C	Residue Analysis Storage Stability	41288812	Alzchem Trostberg GMBH	Old	
171-4C	Assessment of Residues in Peaches	41288813	Alzchem Trostberg GMBH	Old	
171-4C	Determination of Residues in Grapes	41288814	Alzchem Trostberg GMBH	Old	
1-4C	Confirmation trial-Detn in Grapes	41504005	Alzchem Trostberg GMBH	Old	
4C	MOR-Grapes	41566506	Alzchem Trostberg GMBH	Old	
71-4C	MOR-Grapes- Ca	41566507	Alzchem Trostberg GMBH	Old	
71-4A1	Analysis of Cyanamide in Avian Feed	42178403	Alzchem Trostberg GMBH	Old	
71-4A1	Method Validation in Grapes	42178419	Alzchem Trostberg GMBH	Old	
71-4B	Assessment of Dormex on Bloom in Grapes	42178420	Alzchem Trostberg GMBH	Old	
71-4C	Determinations of Residues in Grapes	42178421	Alzchem Trostberg GMBH	Old	
71-4C	Residue Study in Grapes	42178422	Alzchem Trostberg GMBH	Old	
71-4C	Residue Study in Grapes	42178423	Alzchem Trostberg GMBH	Old	
71-4C	Residue Study in Blackberries		ANY	PAY	
Signature	n		Name and Title Dr. Matthew Brooks, Director		Date 3/29/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX			0 1
rch 29, 2012			EPA Reg No./File Symbol 84374-1		Page 16 of 16
licant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			Product DuoMax		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-10	Disassociation Constant	47132601	Green Trees and Plants II LLC	OWN	
63-9	Vapor Pressure	47132601	Green Trees and Plants II LLC	OWN	
62-3[830.1670]	Color	47132601	Green Trees and Plants II LLC	OWN	
63-3 [830.6303]	Physical State	47132601	Green Trees and Plants II LLC	OWN	
63-4[830.6304]	Odor	47132601	Green Trees and Plants II LLC	OWN	
63 (2000).7220]	Boiling Point	47132601	Green Trees and Plants II LLC	OWN	
7300]	Density	47132601	Green Trees and Plants II LLC	OWN	
[830.7840]	Solubility	47132601	Green Trees and Plants II LLC	OWN	
63-5	Melting Point	47132601	Green Trees and Plants II LLC	OWN	
63-12[830.7000]	pH	47132601	Green Trees and Plants II LLC	OWN	
63-21	Dielectric Breakdown Voltage	47132601	Green Trees and Plants II LLC	OWN	
830.7050	UV/Visible Absorption	48404303	Alzchem Trostberg GMBH	(PAY)	
Signature	2 ~	ALC: Y	Name and Title Dr. Matthew Brooks, Director		Date 3/29/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX			
rch 29, 2012	rch 29, 2012		EPA Reg No./File Symbol 84374-1		Page 11 of 16
Nicant's/Registrant's Name & Address Green Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124		Product DuoMax			
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-11	Octanol/Water Partition	00069482	SEE 54555	Old	
63-11	Octonal/Water Partition	41504001	Alzchem Trostberg GMBH	Old	
63-11	Octanol/ Water Partition	42202901	Alzchem Trostberg GMBH	Old	
63-13	Stability	00069482	SEE 54555	Old	
63-13	Stability	41504001	Alzchem Trostberg GMBH	Old	
	Stability	42202901	Alzchem Trostberg GMBH	Old	
	Redox Potential	00069482	SEE 54555	Old	
5	Redox Potential	41504001	Alzchem Trostberg GMBH	Old	
63-15	Redox Potential	42202901	Alzchem Trostberg GMBH	Old	
				- 東	
Signature	7 4		Name and Title Dr. Matthew Brooks, Director		Date 3/29/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

	D/	ATA MATRIX			
nlicant's/Registrant's Name & Address		EPA Reg No./File Symbol 84374-1		Page 13 of 16	
			Product DuoMax		
ngredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.165	Description of formulation process	47132601	Green Trees and Plants II LLC	OWN	
158.167	Discussion of impurities	47132601	Green Trees and Plants II LLC	OWN	
158.170	Preliminary Analysis	47132601	Green Trees and Plants II LLC	OWN	
157.175	Certified Limits	47132601	Green Trees and Plants II LLC	OWN	
58.180	Enforcement Analytical Method	47132601	Green Trees and Plants II LLC	OWN	
	Product Identity and Composition	47132601	Green Trees and Plants II LLC	OWN	
	Descrition of Materials used to produce the product	47132601	Green Trees and Plants II LLC	OWN	
162	Description of Production Process	47132601	Green Trees and Plants II LLC	OWN	
Signature	1 1- /		Name and Title		Date
			Dr. Matthew Brooks, Director		3/29/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX				
rch 29, 2012			EPA Reg No./File Symbol 84374-1		Page 1 of 16	
Alicant's/Registrant's Name & Address C.een Trees and Plants II, LLC 12208 Quinque Lane, Clifton VA 20124		Product DuoMax [End-Use Product]				
Ingredient Hydrogen Cyanamid	le					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
63-15	Flammability	47132602	Green Trees and Plants II LLC	OWN		
63-16	Explodability	47132602	Green Trees and Plants II LLC	OWN		
62-3[830.1670]	Color	47132602	Green Trees and Plants II LLC	OWN		
63-3 [830.6303]	Physical State	47132602	Green Trees and Plants II LLC	OWN		
63-4[830.6304]	Odor	47132602	Green Trees and Plants II LLC	OWN		
63	Viscosity	47132602	Green Trees and Plants II LLC	OWN		
7300]	Density	47132602	Green Trees and Plants II LLC	OWN		
[830.7840]	Solubility	47132602	Green Trees and Plants II LLC	OWN		
63-19	Miscibility	47132602	Green Trees and Plants II LLC	OWN		
63-12[830.7000]	pH	47132602	Green Trees and Plants II LLC	OWN		
33-21	Dielectric Breakdown Voltage	47132602	Green Trees and Plants II LLC	OWN		
63-17	Storage Stability	00148011	Alzchem Trostberg GMBH	Old		
33-17	Storage Stability	42178406	Alzchem Trostberg GMBH	Old		
33-20	Corrosion Characteristics	00148011	Alzchem Trostberg GMBH	Old		
3-20	Corrosion Characteristics	42178406	Alzchem Trostberg GMBH	Old		
Signature	7 ~		Name and Title Dr. Matthew Brooks, Director		Date 3/29/12	



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	D/	ATA MATRIX			
rch 29, 2012 Nicant's/Registrant's Name & Address Green Trees and Plants II, LLC, 12208 Quinque Lane, Clifton VA 20124			EPA Reg No./File Symbol 84374-1		Page 14 of 16
			Product DuoMax [End Use Product]		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
158.165	Description of formulation process	47132602	Green Trees and Plants II LLC	OWN	
158.167	Discussion of impurities	47132602	Green Trees and Plants II LLC	OWN	
158.170	Preliminary Analysis	47132602	Green Trees and Plants II LLC	OWN	
157.175	Certified Limits	47132602	Green Trees and Plants II LLC	OWN	
158.180	Enforcement Analytical Method	47132602	Green Trees and Plants II LLC	OWN	
5	Product Identity and Composition	47132602	Green Trees and Plants II LLC	OWN	
	Descrition of Materials used to produce the product	47132602	Green Trees and Plants II LLC	OWN	
162	Description of Production Process	47132602	Green Trees and Plants II LLC	OWN	
	THE REPORT OF THE PARTY OF THE				
Signature			Name and Title Dr. Matthew Brooks, Director		Date 3/29/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

		DATA MATRIX			
Ch 29, 2012 Nicant's/Registrant's Name & Address Sen Trees and Plants II, LLC, 12208 Quinque Lane Clifton VA 20124			EPA Reg No./File Symbol 84374-1		Page 15 of 16
			Product DuoMax [End-Use Product]		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-1	Acute Oral Tox-rat	00104220	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00069490	SEE 54555	Old	
81-2	Acute Dermal Tox-rat	00104220	BASF Corporation	Old	
81-2	Acute Dermal Tox-rat	00148022	Alzchem Trostberg GMBH	Old	
81-2	Acute Dermal Tox-rat	41566501	Alzchem Trostberg GMBH	Old	
	Acute Inhalation Tox-Rat	00069488	SEE 54555	Old	
8	Acute Inhalation Tox-Rat	00148023	Alzchem Trostberg GMBH	Old	
	Primary Eye Irritation	00069489	SEE 54555	Old	
31-4	Primary Eye Irritation	00148024	Alzchem Trostberg GMBH	Old	
31-4	Primary Eye Irritation	00153782	Alzchem Trostberg GMBH	Old	
31-5	Primary Dermal Irritation	00153781	Alzchem Trostberg GMBH	Old	
81-6	Dermal Sensitization	00148026	Alzchem Trostberg GMBH	Old	
31-6	Dermal Sensitization	41288807	Alzchem Trostberg GMBH	Old	
Signature			Name and Title Dr. Matthew Brooks, Director		Date 3/29/12



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rch 29, 2012 Anolicant's/Registrant's Name & Address en Trees and Plants II, LLC, 12208 Quinque Lane Clifton VA 20124			EPA Reg No./File Symbol 84374-1		Page 16 of 16
			Product DuoMax [End-Use Product]		
Ingredient Hydrogen Cyanamide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Biologic, Inc.				
	Agent for Alzchem Trostberg GMBH				
	115 Obtuse Hill Road				
	Brookfield CT 20006				
	Wiley Rein LLP				
	Counsel for Alzchem Trostberg GMBH				
A KONDENSKY	1776 K Street NW				
	Washington DC 20006				
Signature			Name and Title Dr. Matthew Brooks, Director		Date 3/29/12